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MONTANA VITAL STATISTICS

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MONTANA

VITAL STATISTICS

1981

Honorable Ted Schwinden
Governor of Montana

John J. Drynan, M.D.
Director
State Department of Health and Environmental Sciences

Raymond J. Hoffman
Administrator
Centralized Services Division

John C. Wilson, M.S.
Chief
Bureau of Records and Statistics

June, 1983

SYMBOLS USED IN THIS REPORT

Quantity is zero in frequency tables (one dash)	-
Rate or percent is less than or equal to 0.05	0.0
Data not available or not applicable (three dashes) . .	---

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INTRODUCTION

This report provides a ready reference to some of the more frequently used vital statistics for Montana. The report is intended primarily for reference, so there is a minimum of analysis and interpretation of the data. Where space permits, 1981 data are accompanied by figures for the previous year or years so comparisons may be made. Only information of general interest is published here, however, in most cases, more detailed data are available upon request.

Records collected by the Montana Department of Health and Environmental Sciences provide the basis for the tabulations. These records include certificates of birth, death, and fetal death (stillbirth), and transcripts showing information on marriage, marital termination, morbidity, and legally induced abortion.

LIMITATIONS OF THESE DATA

Delay in Filing

This report includes all 1981 vital records received before May 15, 1982. The number of records received after this date is so few, it is of little consequence.

Geographic Allocation

Births and deaths may be tabulated by place of occurrence or by place of residence. For example, if a resident of Florida is killed in an automobile accident in Montana, his death is counted as an occurrence in Montana but is included in Florida's residence statistics. For deaths, the place of residence is the usual residence of the decedent. For births, the place of residence of the child is the same as the mother's.

Residence data are tabulated by using a system of exchange of certificates with other states and the provinces of Canada. Titles of tables in this report indicate whether data are shown by residence or occurrence.

Medical Certification

Causes of death reported on death certificates are classified according to the Ninth Revision of the International Classification of Diseases (I.C.D.). The objective of the coding procedures used in this classification is to select the underlying cause of death from information provided by the attending physician or coroner.

The medical certification section of the Montana Death Certificate asks for information on the causal and chronological sequence of events leading to death. It consists of two parts. Part I is used for reporting the causes leading directly to death. The interval between onset and death is indicated for each condition. Part II is for reporting any other important diseases or conditions that influenced the course of the illness unfavorably, thus contributing to the fatal outcome but which were not related to the disease or condition reported as the immediate cause of death. To illustrate, a medical certification might read as follows:

Part I. Death was caused by:	Duration
Immediate cause (a) postoperative bronchial pneumonia	3 days
Due to (b) lobectomy	1 week
Due to (c) primary cancer of lung	1 year

Part II.
Hypertensive cardiovascular disease

This death would be assigned to I.C.D. rubric 162.9 (malignant neoplasm of bronchus and lung).

Deaths are classified in this way whenever possible. Exceptions must be made when the underlying cause is not apparent from the certification and when clarification cannot be obtained. In these instances, a system of rules is applied to select the probable underlying cause.

Race

It is difficult to tabulate vital events by race when the persons under question are of mixed blood. The statement of race on the certificates usually reflects the opinion of the informant and does not follow any prescribed rules for the reporting of race. For the most part, racial data in this report are shown simply as "white" and "other." This minimizes confusion with concepts of nationality, country of origin of parents, or other characteristics. In the racial classification used, white includes "Mexican."

Legitimacy

The Montana Certificate of Live Birth does not contain an item regarding the legitimacy of the child. The rules of the Montana Department of Health and Environmental Sciences require: "If the mother was not married at the time of birth, and had not been married within ten months of the birth the name of the father must not be entered on the certificate of birth unless accompanied by the written consent of both the mother and the father."

Births are inferred to be illegitimate if information regarding the father is omitted. They are also classified as out-of-wedlock if they are accompanied by the required paternity affidavits. Individual consideration is given certificates where the surname used in the mother's signature does not agree with the surname of the father.

Limitations of Small Numbers

The occurrence of events recorded in this publication is subject to chance variation. For example, an infant death at 11:59 P.M. on December 31 would be counted in one year, however, if the infant lived only two minutes longer and died at 12:01, the death would be counted in the following year. This phenomenon is not of great importance for counties with substantial populations since the relative number of infant deaths will not be greatly affected by one event. In the case of counties with small populations, the occurrence of even one event may produce a rate which is well above the average for the state.

When the number of events is displayed, the occurrence of small numbers is obvious. However, when rates or percentages are shown, the fact that they might be based on small numbers of events might not be immediately apparent.

In some instances an attempt is made to ameliorate the problem by adding data together for several years (for example, the five-year infant mortality rates shown in Table 13). However, use of multi-year rates in these tables has been limited because such rates often conceal changes in trends within the period under scrutiny.

Population Estimates

County population estimates are provided by the Bureau of Business and Economic Research of the University of Montana. These estimates are produced in cooperation with the United States Bureau of the Census.

Definitions

Following are definitions of selected terms as they are used in this publication.

ABORTION - A legal act or operation intended to terminate a pregnancy without live birth, which is reported to the Department.

CRUDE BIRTH RATE - relates the number of live births to the total population. It is computed as follows:

$$\text{Annual crude birth rate} = \frac{\text{Annual number of live births}}{\text{Midyear population}} \times 1{,}000$$

CRUDE DEATH RATE - relates the number of deaths to the total population. It is computed as follows:

$$\text{Annual crude death rate} = \frac{\text{Annual number of deaths}}{\text{Midyear population}} \times 1{,}000$$

FERTILITY RATE - relates total births to an approximation of the population exposed to risk. The denominator is limited to women in the main childbearing ages. It is computed as follows:

$$\text{Annual general fertility rate} = \frac{\text{Annual number of live births}}{\text{Midyear population of women 15 - 44 years of age}} \times 1{,}000$$

FETAL DEATH - the birth of a fetus after 20 weeks of gestation which shows no evidence of life after complete birth (this is, no action of the heart, breathing, or movement of voluntary muscles).

FETAL MORTALITY RATIO - relates fetal deaths to live births. It is computed as follows:

$$\text{Annual fetal mortality ratio} = \frac{\text{Annual number of fetal deaths}}{\text{Annual number of live births}} \times 1{,}000$$

FIVE-YEAR INFANT MORTALITY RATE - relates the number of deaths under one year of age to the number of live births. It is calculated as follows:

$$\text{Five-year infant mortality rate} = \frac{\text{Number of deaths under one year of age over a five-year period}}{\text{Number of live births over the same five-year period}} \times 1{,}000$$

ILLEGITIMACY RATIO - relates the number of out-of-wedlock births to total live births. It is computed as follows:

$$\text{Annual illegitimacy ratio} = \frac{\text{Annual number of illegitimate live births}}{\text{Annual number of all live births}} \times 1{,}000$$

INFANT DEATH - the death of a person under one year of age.

LIVE BIRTH - birth of a child who shows evidence of life after complete birth. Evidence of life includes heart action, breathing, or movement of voluntary muscles.

MATERNAL MORTALITY RATE - measures the risk of death from deliveries and complications of pregnancy, childbirth, and the puerperium. It is computed as follows:

$$\text{Annual maternal mortality rate} = \frac{\text{Annual number of deaths attributed to maternal conditions}}{\text{Annual number of live births}} \times 100{,}000$$

NATURAL INCREASE - is the excess of births over deaths among residents of an area. The rate is shown per 1,000 population in the area.

$$\text{Annual rate of natural increase} = \frac{\text{Annual number of live births minus annual number of deaths}}{\text{Population of area}} \times 1{,}000$$

NEONATAL DEATH - the death of an infant under 28 days of age.

OCCURRENCE - where an event takes place regardless of the usual residence of the person involved.

PREINATAL DEATHS - are those occurring around the time of birth. They are made up of the sum of registered fetal deaths and neonatal deaths.

PERINATAL MORTALITY RATE - relates the number of fetal deaths plus neonatal deaths to the number of deliveries (fetal deaths plus live births). It is calculated as follows:

$$\text{Perinatal mortality rate} = \frac{\text{Annual number of fetal deaths plus neonatal deaths}}{\text{Annual number of fetal deaths plus live births}} \times 1{,}000$$

PREMATURE (IMMATURE) INFANT - a live-born infant with a birth weight of five pounds eight ounces (2,500 grams) or less.

RESIDENCE - for deaths, this refers to the usual residence of the decedent. For births and fetal deaths, it refers to the usual residence of the mother.

MEDIAN AGE: MONTANA COUNTIES, 1980

SOURCE: U. S. BUREAU OF THE CENSUS.

----	25.1 - 28.6	LOW QUARTILE
****	28.9 - 30.1	MEDIUM LOW QUARTILE
****	30.3 - 32.7	MEDIUM HIGH QUARTILE
####	32.8 - 35.9	HIGH QUARTILE

MEAN VALUE: 30.6
MEDIAN VALUE: 30.1
STATE VALUE: 29.0

GENERAL

MONTANA
LINCOLN
LIBBY
5
FLATHEAD
KALISPELL
GLACIER
CUT BANK
TOOLE
SHELBY
LIBERTY
CHESTER
HILL
HAVRE
2
CHINOOK
BLAINE
MALTA
PHILLIPS
VALLEY
GLASGOW
SCOBEY
DANIELS
PLENTYWOOD
SHERIDAN
ROOSEVELT
WOLF POINT
PONDERA
CONRAD
CHOUTEAU
FORT BENTON
TETON
CHOTEAU
SANDERS
LAKE
POLSON
THOMPSON FALLS
LEWIS AND CLARK
GREAT FALLS
CASCADE
3
FERGUS
LEWISTOWN
STANFORD
JUDITH BASIN
PETROLEUM
WINNETT
GARFIELD
JORDAN
1
MCCONE
CIRCLE
RICHLAND
SIDNEY
DAWSON
GLENDIVE
WIBAUX
PRAIRIE
TERRY
SUPERIOR
MINERAL
MISSOULA
MISSOULA
POWELL
4
HELENA
MEAGHER
WHITE SULPHUR SPRINGS
NARLOWTON
WHEATLAND
GOLDEN VALLEY
MUSSELSHELL
ROUNDUP
RYEGATE
GRANITE
PHILIPSBURG
DEER LODGE
HAMILTON
TOWNSENO
BROADWATER
BOULDER
ANACONDA
HYSHAM
FORSYTH
TREASURE
ROSEBUD
MILES CITY
CUSTER
BAKER
FALLON
RAVALLI
DEER LODGE
BUTTE
SILVER BOW
JEFFERSON
SWEET GRASS
BIG TIMBER
YELLOWSTONE
EKALAKA
GALLATIN
BOZEMAN
LIVINGSTON
STILLWATER
COLUMBUS
BILLINGS
HARDIN
POWDER RIVER
BROADUS
CARTER
BEAVERHEAD
DILLON
MADISON
VIRGINIA CITY
PARK
CARBON
RED LODGE
BIG HORN
Health Planning Districts

TABLE 1

DEATHS, LIVE BIRTHS, FETAL, INFANT, AND MATERNAL DEATHS

MONTANA, 1910-1981

DEATHS EXCLUSIVE OF FETAL DEATHS. DATA FOR 1910-1945 ARE BY PLACE OF OCCURRENCE. DATA SINCE 1946 ARE BY PLACE OF RESIDENCE.

YEAR	ESTIMATED MIDYEAR POPULATION	DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		MATERNAL DEATHS	
		NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATIO**	NUMBER	RATE**	NUMBER	RATE***
1910	376,053	3,999	10.6	6,124	16.3	---	---	714	116.6	62	1012.4
1915	468,067	5,072	10.8	11,132	23.8	---	---	816	73.3	91	817.5
1920	548,339	5,289	9.6	11,862	21.6	---	---	862	72.7	104	876.7
1925	542,834	5,188	9.6	10,302	19.0	343	33.3	726	70.5	83	805.7
1930	537,606	5,435	10.1	10,004	18.6	286	28.6	569	56.9	67	669.7
1931	540,337	5,280	9.8	9,638	17.8	309	32.1	583	60.5	70	726.3
1932	542,522	5,294	9.8	9,091	16.8	254	27.9	467	51.4	60	660.0
1933	544,707	5,212	9.6	8,953	16.4	235	26.2	461	51.5	51	569.6
1934	546,892	5,617	10.3	9,949	18.2	244	24.5	532	53.5	57	572.9
1935	549,077	6,291	11.5	10,029	18.3	232	23.1	602	60.0	52	518.5
1936	551,262	6,255	11.3	10,400	18.9	227	21.8	593	57.0	57	548.1
1937	553,447	6,128	11.1	10,248	18.5	232	22.6	518	50.5	38	370.8
1938	555,632	5,684	10.2	10,673	19.2	250	23.4	486	45.5	35	327.9
1939	557,817	5,901	10.6	10,897	19.5	212	19.5	534	49.0	35	321.2
1940	559,456	5,722	10.2	11,468	20.5	216	18.8	527	46.0	39	340.1
1941	530,000	5,673	10.7	11,545	21.8	227	19.7	438	37.9	21	181.9
1942	500,000	5,516	11.0	11,735	23.5	207	17.6	395	33.7	26	221.6
1943	470,033	5,601	11.9	11,407	24.3	212	18.6	442	38.7	20	175.3
1944	487,300	5,662	11.6	10,943	22.5	184	16.8	395	36.1	16	146.2
1945	504,600	5,414	10.7	10,601	21.0	184	17.4	363	34.2	17	160.4
1946	521,900	5,595	10.7	12,858	24.6	224	17.4	448	34.8	18	140.0
1947	539,200	5,760	10.7	15,086	28.0	238	15.8	484	32.1	16	106.1
1948	556,500	5,884	10.6	15,035	27.0	236	15.7	461	30.7	14	93.1
1949	573,800	5,878	10.2	15,366	26.8	231	15.0	457	29.7	14	91.1
1950	591,024	5,817	9.8	15,592	26.4	233	14.9	441	28.3	20	128.3
1951	596,000	5,964	10.0	15,929	26.7	248	15.6	425	26.7	10	62.8
1952	602,000	5,974	9.9	16,479	27.4	253	15.4	448	27.2	8	48.5
1953	616,000	6,125	9.9	16,596	26.9	232	14.0	480	28.9	3	18.1
1954	624,000	6,030	9.7	17,276	27.7	247	14.3	398	23.0	5	28.9
1955	636,000	6,115	9.6	17,454	27.4	221	12.7	433	24.8	5	28.6
1956	656,000	6,450	9.8	17,703	27.0	239	13.5	495	28.0	2	11.3
1957	667,000	6,486	9.7	18,219	27.3	224	12.3	462	25.4	5	27.4
1958	666,000	6,265	9.4	17,275	25.9	233	13.5	444	25.7	3	17.4
1959	669,000	6,570	9.8	17,646	26.4	223	12.6	431	24.4	3	17.0
1960	674,767	6,525	9.7	17,448	25.9	190	10.9	435	24.9	5	28.7
1961	682,000	6,338	9.3	17,368	25.5	194	11.2	441	25.4	2	11.5
1962	709,000	6,418	9.1	16,818	24.7	210	12.5	436	25.9	7	41.6
1963	707,000	6,609	9.3	15,934	22.5	194	12.2	383	24.0	2	12.6
1964	705,000	6,851	9.7	15,094	21.4	200	13.3	403	26.7	7	46.4
1965	706,000	6,578	9.3	13,641	19.3	177	13.0	338	24.8	2	14.7
1966	702,000	6,864	9.8	12,623	18.0	140	11.1	286	22.7	3	23.8
1967	701,000	6,549	9.3	12,087	17.2	141	11.7	290	24.0	3	24.8
1968	693,000	6,534	9.4	11,992	17.3	146	12.2	233	19.4	1	8.3
1969	694,000	6,694	9.6	11,762	16.9	132	11.2	246	20.9	1	8.5
1970	694,409	6,597	9.5	12,622	18.2	140	11.1	272	21.5	3	23.8
1971	710,000	6,860	9.7	12,347	17.4	127	10.3	267	21.6	-	0.0
1972	719,000	6,896	9.6	11,444	15.9	129	11.3	225	19.7	4	35.0
1973	721,000	6,870	9.5	11,392	15.8	105	9.2	222	19.5	-	0.0
1974	735,000	6,552	8.9	12,273	16.7	125	10.2	202	16.5	1	8.1
1975	748,000	6,539	8.7	12,070	16.1	112	9.3	187	15.5	3	24.9
1976	753,000	6,733	8.9	12,605	16.7	104	8.3	209	16.6	-	0.0
1977	761,000	6,397	8.4	13,304	17.5	119	8.9	183	13.8	1	7.5
1978	785,000	6,484	8.3	13,545	17.3	110	8.1	155	11.4	3	22.1
1979	786,000	6,471	8.2	14,057	17.9	116	8.3	151	10.7	4	28.5
1980	786,690	6,664	8.5	14,208	18.1	104	7.3	176	12.4	2	14.1
1981	793,000	6,709	8.5	14,309	18.0	85	5.9	153	10.7	-	0.0

* PER 1,000 ESTIMATED POPULATION.
** PER 1,000 LIVE BIRTHS.
*** PER 100,000 LIVE BIRTHS.
U. S. CENSUS ENUMERATIONS ARE USED ON YEARS ENDING IN ZERO.

TABLE 2

POPULATIONS

MONTANA COUNTIES, 1980 AND 1981

COUNTY	1981 ESTIMATED POPULATION	1980 CENSUS ENUMERATION	COUNTY	1981 ESTIMATED POPULATION	1980 CENSUS ENUMERATION
MONTANA, TOTAL	793,000	786,690			
BEAVERHEAD	8,200	8,186	MADISON	5,800	5,448
BIG HORN	11,400	11,096	MEAGHER	2,200	2,154
BLAINE	7,000	6,999	MINERAL	3,400	3,675
BROADWATER	3,200	3,267	MISSOULA	76,900	76,016
CARBON	8,300	8,099	MUSSELSHELL	4,500	4,428
CARTER	1,700	1,799	PARK	13,600	12,869
CASCADE	79,800	80,696	PETROLEUM	700	655
CHOUTEAU	6,000	6,092	PHILLIPS	5,400	5,367
CUSTER	13,400	13,109	PONDERA	6,700	6,731
DANIELS	2,700	2,835	POWDER RIVER	2,400	2,520
DAWSON	12,300	11,805	POWELL	6,800	6,958
DEER LODGE	11,900	12,518	PRAIRIE	1,900	1,836
FALLON	3,600	3,763	RAVALLI	23,400	22,493
FERGUS	13,000	13,076	RICHLAND	13,500	12,243
FLATHEAD	51,900	51,966	ROOSEVELT	10,700	10,467
GALLATIN	43,300	42,865	ROSEBUD	10,600	9,899
GARFIELD	1,600	1,656	SANDERS	8,600	8,675
GLACIER	10,900	10,628	SHERIDAN	5,600	5,414
GOLDEN VALLEY	1,100	1,026	SILVER BOW	36,900	38,092
GRANITE	2,800	2,700	STILLWATER	5,500	5,598
HILL	18,000	17,985	SWEET GRASS	3,400	3,216
JEFFERSON	7,200	7,029	TETON	6,600	6,491
JUDITH BASIN	2,800	2,646	TOOLE	5,400	5,559
LAKE	19,300	19,056	TREASURE	1,000	981
LEWIS & CLARK	44,000	43,039	VALLEY	9,800	10,250
LIBERTY	2,400	2,329	WHEATLAND	2,000	2,359
LINCOLN	17,600	17,752	WIBAUX	1,600	1,476
MCCONE	2,600	2,702	YELLOWSTONE	109,400	108,035
			YELLOWSTONE PRK	300	66

TABLE 3

DEATHS, LIVE BIRTHS, FETAL, INFANT AND MATERNAL DEATHS

MONTANA COUNTIES, 1981
BY PLACE OF OCCURRENCE AND BY PLACE OF RESIDENCE. DEATHS EXCLUSIVE OF FETAL DEATHS

COUNTY	DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		MATERNAL DEATHS	
	OCC.	RES.	OCC.	RES.	OCC.	RES.	OCC.	RES.	OCC.	RES.
MONTANA, TOTAL	6,707	6,709	13,999	14,309	86	85	133	153	1	-
BEAVERHEAD	86	86	72	137	-	-	2	3	-	-
BIG HORN	82	120	288	293	2	2	1	3	-	-
BLAINE	35	71	41	152	-	-	1	1	-	-
BROADWATER	21	25	20	45	1	-	-	-	-	-
CARBON	91	102	52	117	-	-	1	2	-	-
CARTER	12	17	3	28	-	-	-	-	-	-
CASCADE	714	625	1,718	1,513	16	12	28	20	-	-
CHOUTEAU	40	67	18	122	-	-	-	1	-	-
CUSTER	208	147	417	208	-	-	1	1	-	-
DANIELS	29	33	33	43	-	-	1	1	-	-
DAWSON	62	80	271	256	1	1	1	3	-	-
DEER LODGE	136	160	68	119	2	2	-	-	-	-
FALLON	25	41	47	80	-	-	-	3	-	-
FERGUS	149	152	264	232	2	2	1	3	-	-
FLATHEAD	391	394	1,072	913	10	6	11	11	-	-
GALLATIN	246	245	811	688	9	8	2	4	-	-
GARFIELD	7	9	7	34	-	-	-	-	-	-
GLACIER	82	99	216	271	1	5	2	5	-	-
GOLDEN VALLEY	6	7	-	17	-	-	-	-	-	-
GRANITE	25	41	3	54	-	1	-	1	-	-
HILL	157	144	485	352	2	4	2	3	-	-
JEFFERSON	41	59	2	131	-	-	1	3	-	-
JUDITH BASIN	8	23	-	26	-	-	-	-	-	-
LAKE	158	179	289	363	-	1	1	1	-	-
LEWIS & CLARK	356	335	876	779	2	3	3	4	-	-
LIBERTY	27	20	70	53	-	-	-	1	-	-
LINCOLN	93	114	220	312	-	-	-	3	-	-
MCCONE	28	22	25	63	-	-	1	1	-	-
MADISON	65	75	75	101	-	-	1	1	-	-
MEAGHER	24	23	17	40	1	2	-	-	-	-
MINERAL	18	24	47	72	-	-	-	-	-	-
MISSOULA	614	486	1,665	1,358	9	7	16	12	-	-
MUSSELSHELL	36	53	39	82	1	1	-	1	-	-
PARK	116	125	159	219	1	2	2	2	-	-
PETROLEUM	4	5	-	11	-	-	-	-	-	-
PHILLIPS	59	58	67	104	2	-	2	2	-	-
PONDERA	50	73	88	118	-	1	-	1	-	-
POWDER RIVER	11	18	-	51	-	-	-	-	-	-
POWELL	77	79	102	117	-	-	1	1	-	-
PRAIRIE	13	18	10	22	-	-	-	-	-	-
RAVALLI	168	203	242	365	2	3	2	3	-	-
RICHLAND	94	101	267	366	-	-	2	5	-	-
ROOSEVELT	113	127	250	286	1	2	2	2	-	-
ROSEBUD	50	73	6	290	-	1	4	3	-	-
SANDERS	67	83	65	146	-	-	1	3	-	-
SHERIDAN	47	50	104	101	-	-	1	3	-	-
SILVER BOW	471	466	687	517	8	7	12	12	-	-
STILLWATER	66	73	96	83	-	-	1	1	-	-
SWEET GRASS	23	32	24	45	-	-	-	-	-	-
TETON	49	63	94	121	-	1	1	1	-	-
TOOLE	39	50	78	114	1	2	-	-	-	-
TREASURE	2	9	-	15	-	-	-	-	-	-
VALLEY	84	87	177	180	2	2	-	1	-	-
WHEATLAND	25	34	18	38	-	-	-	-	-	-
WIBAUX	5	16	-	29	-	-	-	-	-	-
YELLOWSTONE	1,002	788	2,234	1,917	10	7	25	21	1	-

TABLE 4

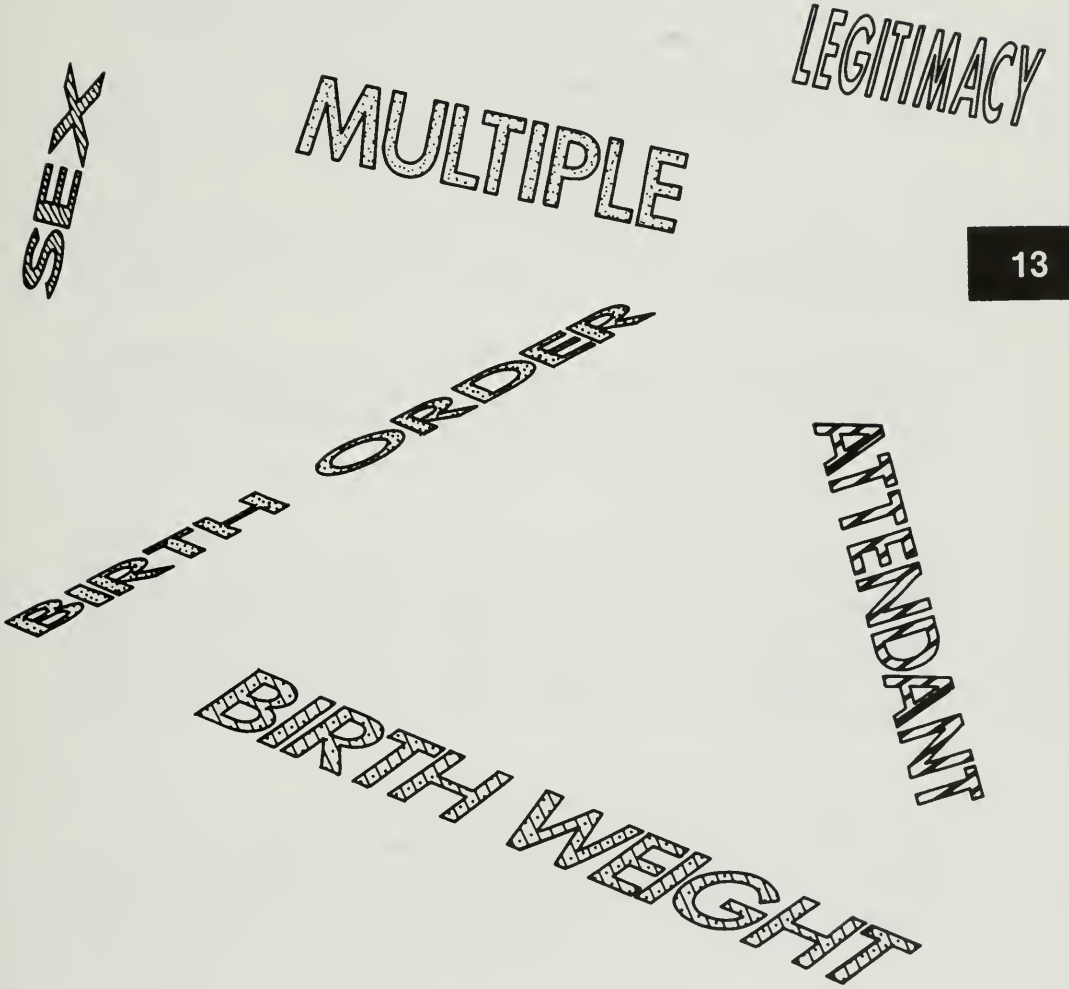
DEATHS, LIVE BIRTHS, AND FETAL DEATHS BY RACE

MONTANA COUNTIES, 1981
BY PLACE OF RESIDENCE

COUNTY	DEATHS				LIVE BIRTHS				FETAL DEATHS				
	TOTAL	WHITE*	INDIAN	OTHER	TOTAL	WHITE*	INDIAN	OTHER	TOTAL	WHITE*	INDIAN	OTHER	UNKNOWN
MONTANA, TOTAL	6,709	6,324	360	25	14,309	12,671	1,407	231	85	72	12	1	-
BEAVERHEAD	86	86	-	-	137	128	8	1	-	-	-	-	-
BIG HORN	120	62	58	-	293	105	186	2	2	1	1	-	-
BLAINE	71	45	26	-	152	69	82	1	-	-	-	-	-
BROADWATER	25	25	-	-	45	45	-	-	-	-	-	-	-
CARBON	102	102	-	-	117	116	-	1	-	-	-	-	-
CARTER	17	17	-	-	28	27	1	-	-	-	-	-	-
CASCADE	625	597	20	8	1,513	1,360	100	53	12	10	1	1	-
CHOUTEAU	67	67	-	-	122	119	1	2	-	-	-	-	-
CUSTER	147	147	-	-	208	197	11	-	-	-	-	-	-
DANIELS	33	33	-	-	43	42	1	-	-	-	-	-	-
DAWSON	80	77	2	1	256	247	7	2	1	1	-	-	-
DEER LODGE	160	160	-	-	119	116	3	-	2	2	-	-	-
FALLON	41	41	-	-	80	78	1	1	-	-	-	-	-
FERGUS	152	149	3	-	232	228	3	1	2	2	-	-	-
FLATHEAD	394	392	2	-	913	881	25	7	6	6	-	-	-
GALLATIN	245	244	-	1	688	666	12	10	8	8	-	-	-
GARFIELD	9	9	-	-	34	34	-	-	-	-	-	-	-
GLACIER	99	51	48	-	271	73	198	-	5	-	5	-	-
GOLDEN VALLEY	7	7	-	-	17	16	1	-	-	-	-	-	-
GRANITE	41	41	-	-	54	54	-	-	1	1	-	-	-
HILL	144	119	25	-	352	258	85	9	4	4	-	-	-
JEFFERSON	59	58	-	1	131	128	3	-	-	-	-	-	-
JUDITH BASIN	23	23	-	-	26	26	-	-	-	-	-	-	-
LAKE	179	143	36	-	363	246	111	6	1	1	-	-	-
LEWIS & CLARK	335	329	4	2	779	746	23	10	3	2	1	-	-
LIBERTY	20	20	-	-	53	52	-	1	-	-	-	-	-
LINCOLN	114	114	-	-	312	307	4	1	-	-	-	-	-
MCCONE	22	22	-	-	63	63	-	-	-	-	-	-	-
MADISON	75	75	-	-	101	97	4	-	-	-	-	-	-
MEAGHER	23	23	-	-	40	40	-	-	2	2	-	-	-
MINERAL	24	24	-	-	72	71	1	-	-	-	-	-	-
MISSOULA	486	477	5	4	1,358	1,254	45	59	7	7	-	-	-
MUSSELSHELL	53	53	-	-	82	82	-	-	1	1	-	-	-
PARK	125	125	-	-	219	214	2	3	2	2	-	-	-
PETROLEUM	5	5	-	-	11	11	-	-	-	-	-	-	-
PHILLIPS	58	57	1	-	104	94	10	-	-	-	-	-	-
PONDERA	73	62	10	1	118	95	20	3	1	-	1	-	-
POWDER RIVER	18	18	-	-	51	50	1	-	-	-	-	-	-
POWELL	79	78	-	1	117	111	3	3	-	-	-	-	-
PRAIRIE	18	17	1	-	22	21	1	-	-	-	-	-	-
RAVALLI	203	203	-	-	365	347	3	15	3	3	-	-	-
RICHLAND	101	100	1	-	366	356	10	-	-	-	-	-	-
ROOSEVELT	127	65	60	2	286	124	160	2	2	-	2	-	-
ROSEBUD	73	51	22	-	290	180	108	2	1	-	1	-	-
SANDERS	83	79	4	-	146	122	23	1	-	-	-	-	-
SHERIDAN	50	50	-	-	101	99	2	-	-	-	-	-	-
SILVER BOW	466	461	5	-	517	498	19	-	7	7	-	-	-
STILLWATER	73	73	-	-	83	82	1	-	-	-	-	-	-
SWEET GRASS	32	32	-	-	45	43	2	-	-	-	-	-	-
TETON	63	62	1	-	121	116	5	-	1	1	-	-	-
TOOLE	50	49	1	-	114	113	1	-	2	2	-	-	-
TREASURE	9	9	-	-	15	14	-	1	-	-	-	-	-
VALLEY	87	78	9	-	180	145	35	-	2	2	-	-	-
WHEATLAND	34	34	-	-	38	37	1	-	-	-	-	-	-
WIBAUX	16	16	-	-	29	29	-	-	-	-	-	-	-
YELLOWSTONE	788	768	16	4	1,917	1,799	84	34	7	7	-	-	-

* WHITE INCLUDES MEXICAN.

BIRTHS



13

EDUCATION OF MOTHER

BIRTHS

General

Summary figures for births in 1981 show that there were:

13,999 - total number of births occurring in Montana including 121 births within Montana to non-residents;
14,309 - total number of births to Montana residents including:
13,878 - births within the state to Montana residents; and
431 - births outside the state to Montana residents.

The number of resident live births (14,309) during 1981 increased 101 from the 14,208 births of 1980. This marks six consecutive years of annual increases in the number of resident births.

Fifty-percent (215) of the out-of-state births occurred in North Dakota. Sixty-three births occurred in Wyoming and fifty-two in Idaho. The remaining 101 events were distributed among 16 other states and the provinces of Canada.

Birth Rate

Beginning in 1975 at 16.1, the crude birth rate figure for each year has charted the annual increase in resident births. In 1978 (17.3), a one-year downward trend was evident, and in 1981 (18.0) another slight downward trend was noted. In both cases, an increase in the population base was responsible for the downturn in the crude birth rate. The 1981 rate (18.0) was 13.2 percent greater than the United States provisional rate of 15.9 live births per 1,000 population.

Fertility Rate and Age-Specific Birth Rate

The fertility rate and age-specific birth rate are a more precise measure of reproduction than the crude birth rate, but can be accurately determined only during census years. The fertility rate for 1980 was 78.1 births per 1,000 female Montana residents aged 15-44. Assuming the

ratio of females to the female population in this age group is the same as in 1980, the estimated fertility rate for 1981 was 78.0 births.

The following table shows age-specific birth rates for Montana in 1980 and 1981, and for the United States in 1980.

AGE SPECIFIC BIRTH RATES FOR WOMEN 15-44 YEARS OF AGE:
Montana, 1980-81 and United States, 1980

Area and Year	Age of Mother 15-19	20-24	25-29	30-34	35-39	40-44
Montana						
1981	47.8	135.6	133.3	74.1	18.3	3.7
1980	48.3	142.2	130.6	68.3	18.9	4.3
United States						
1980	53.0	115.1	112.9	61.9	19.8	3.9

Median Age

The median age for women bearing children continued to rise. For all resident births during 1981, the mother's median age of 25.35 was 0.25 year greater than in 1980. In 1972, the median age was 23.95, or 1.4 years younger than in 1981.

Multiple Births

There were 256 live births in multiple deliveries during 1981. All of these were live births in twin deliveries. The multiple birth ratio was 17.9 live births in multiple deliveries per 1,000 total live births, an increase from the 1980 ratio of 17.2. In the past ten years, the multiple birth ratio has ranged from a high of 20.5 in 1977 to 17.2 in 1980.

Illegitimacy

Out-of-wedlock births have been increasing since 1960, and the 1981 figure continued this upward trend. From 1980 to 1981, the number of these births increased from 1,776 to 1,903, and the illegitimacy ratio climbed from 125.0 to 133.0 out-of-wedlock births per 1,000 live births.

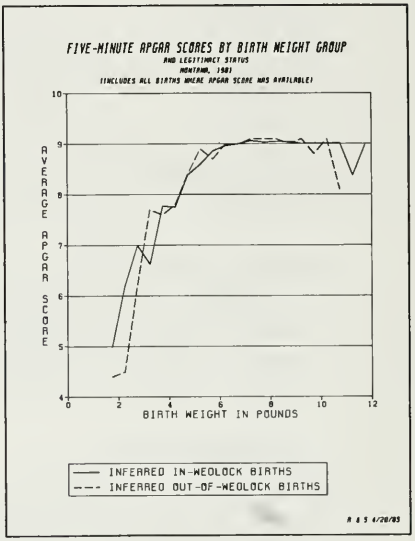
The following table shows the changes that have occurred during the past five years in the percentage distribution of illegitimate births by age of the mother.

NUMBER AND PERCENT OF ILLEGITIMATE BIRTHS BY AGE OF MOTHER:
Montana, 1977-1981

Age	1981 Number	1981 Percent	1980 Number	1980 Percent	1979 Number	1979 Percent	1978 Number	1978 Percent	1977 Number	1977 Percent
Total Out-of-Wedlock Births	1,903	100.0	1,776	100.0	1,596	100.0	1,629	100.0	1,469	100.0
<20	809	42.5	748	42.1	745	46.7	813	49.9	798	54.3
20-24	717	37.7	676	38.1	551	34.5	526	32.3	452	30.8
25-29	240	12.6	247	13.9	202	12.7	188	11.5	150	10.2
30-34	105	5.5	75	4.2	74	4.6	65	4.0	48	3.3
35+	31	1.6	30	1.7	24	1.5	37	2.3	21	1.4
Not Stated	1	0.1	-	-	-	-	-	-	-	-

Apgar Score

The Apgar Score is a method of newborn evaluation which was devised by Dr. Virginia Apgar in 1952. The Apgar Score is based on a scale of 0 to 10, and clinically scores five variables, each of which is assigned a numerical value ranging from 0 to 2. The five variables are: heart rate, muscle tone, respiration effort, reflex irritability (response to skin stimulation to feet), and color. The sum of the values for the five variables is then recorded at one minute and five minutes after the birth of an infant. The following table illustrates the method of APGAR scoring.


FIVE-MINUTE APGAR SCORES BY BIRTH WEIGHT GROUP
AND LEGITIMACY STATUS
MONTANA, 1981
(INCLUDES ALL BIRTHS WHERE APGAR SCORE WAS AVAILABLE)
AVERAGE APGAR SCORE
BIRTH WEIGHT IN POUNDS
INFERRED IN-WEDLOCK BIRTHS
INFERRED OUT-OF-WEDLOCK BIRTHS

METHOD OF APGAR SCORING

Sign	Score 0	1	2
Heart rate	Absent	Slow (less than 100)	100 or more
Respiratory effort	Absent	Weak cry; hypoventilation	Good; strong cry
Muscle tone	Limp	Some flexion of extremities	Well flexed
Reflex irritability	No response	Some motion	Cry
Color	Blue; pale	Body pink; extremities blue	Completely pink

SOURCE: Apgar, V., et al.: Evaluation of the newborn infant - second report. JAMA. 168(15): 1985-1988, Dec. 13, 1958.

TABLE 5

SUMMARY OF LIVE BIRTHS

MONTANA, 1981 AND 1980

BY PLACE OF RESIDENCE. EACH PERCENT HAS BEEN INDEPENDENTLY ROUNDED TO THE NEAREST ONE-TENTH OF ONE PERCENT. HENCE, THE SUMS OF PARTS MAY DIFFER SLIGHTLY FROM THE TOTAL SHOWN.

ITEM	1981		1980	
	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	14,309	100.0	14,208	100.0
SEX				
MALE	7,351	51.4	7,272	51.2
FEMALE	6,958	48.6	6,936	48.8
LEGITIMACY				
IN WEDLOCK	12,406	86.7	12,432	87.5
OUT OF WEDLOCK	1,903	13.3	1,776	12.5
MULTIPLE BIRTHS				
SINGLE	14,053	98.2	13,964	98.3
TWINS	256	1.8	229	1.6
TRIPLETS		0.0	15	0.1
LIVING CHILDREN				
FIRST CHILD	5,939	41.5	6,054	42.6
SECOND CHILD	4,849	33.9	4,761	33.5
THIRD CHILD	2,191	15.3	2,092	14.7
FOURTH CHILD	811	5.7	780	5.5
FIFTH CHILD	272	1.9	282	2.0
SIXTH CHILD	124	0.9	116	0.8
SEVENTH CHILD	58	0.4	62	0.4
EIGHTH CHILD	29	0.2	29	0.2
NINE OR MORE	35	0.2	31	0.2
NOT STATED	1	0.0	1	0.0

TABLE 6

NUMBER AND PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY ATTENDANT

MONTANA COUNTIES, 1981

BY PLACE OF OCCURRENCE

COUNTY	NUMBER ATTENDED BY-				PERCENTAGE ATTENDED BY-		
	TOTAL	BOA* AND IN HOSPITAL	PHYSICIAN NOT IN HOSPITAL	OTHER NOT IN HOSPITAL	BOA* AND IN HOSPITAL	PHYSICIAN NOT IN HOSPITAL	OTHER NOT IN HOSPITAL
MONTANA, TOTAL	13,999	13,750	50	199	98.2	0.4	1.4
BEAVERHEAD	72	72	-	-	100.0	0.0	0.0
BIG HORN	288	287	-	1	99.7	0.0	0.3
BLAINE	41	41	-	-	100.0	0.0	0.0
BROADWATER	20	20	-	-	100.0	0.0	0.0
CARBON	52	47	1	4	90.4	1.9	7.7
CARTER	3	3	-	-	100.0	0.0	0.0
CASCADE	1,718	1,709	1	8	99.5	0.1	0.5
CHOUTEAU	18	17	-	1	94.4	0.0	5.6
CUSTER	417	417	-	-	100.0	0.0	0.0
DANIELS	33	33	-	-	100.0	0.0	0.0
DAWSON	271	266	-	5	98.2	0.0	1.8
DEER LODGE	68	68	-	-	100.0	0.0	0.0
FALLON	47	47	-	-	100.0	0.0	0.0
FERGUS	264	264	-	-	100.0	0.0	0.0
FLATHEAD	1,072	1,041	21	10	97.1	2.0	0.9
GALLATIN	811	740	13	58	91.2	1.6	7.2
GARFIELD	7	6	-	1	85.7	0.0	14.3
GLACIER	216	216	-	-	100.0	0.0	0.0
GOLDEN VALLEY	-	-	-	-	0.0	0.0	0.0
GRANITE	3	2	-	1	66.7	0.0	33.3
HILL	485	482	-	3	99.4	0.0	0.6
JEFFERSON	2	-	-	2	0.0	0.0	100.0
JUDITH BASIN	-	-	-	-	0.0	0.0	0.0
LAKE	289	287	1	1	99.3	0.3	0.3
LEWIS & CLARK	876	870	-	6	99.3	0.0	0.7
LIBERTY	70	68	-	2	97.1	0.0	2.9
LINCOLN	220	200	3	17	90.9	1.4	7.7
MCCONE	25	25	-	-	100.0	0.0	0.0
MADISON	75	75	-	-	100.0	0.0	0.0
MEAGHER	17	17	-	-	100.0	0.0	0.0
MINERAL	47	46	-	1	97.9	0.0	2.1
MISSOULA	1,665	1,641	1	23	98.6	0.1	1.4
MUSSELSHELL	39	36	-	3	92.3	0.0	7.7
PARK	159	153	2	4	96.2	1.3	2.5
PETROLEUM	-	-	-	-	0.0	0.0	0.0
PHILLIPS	67	67	-	-	100.0	0.0	0.0
PONDERA	88	88	-	-	100.0	0.0	0.0
POWDER RIVER	-	-	-	-	0.0	0.0	0.0
POWELL	102	99	-	3	97.1	0.0	2.9
PRAIRIE	10	10	-	-	100.0	0.0	0.0
RAVALLI	242	227	-	15	93.8	0.0	6.2
RICHLAND	267	264	-	3	98.9	0.0	1.1
ROOSEVELT	250	250	-	-	100.0	0.0	0.0
ROSEBUD	6	-	3	3	0.0	50.0	50.0
SANDERS	65	62	-	3	95.4	0.0	4.6
SHERIDAN	104	104	-	-	100.0	0.0	0.0
SILVER BOW	687	687	-	-	100.0	0.0	0.0
STILLWATER	96	96	-	-	100.0	0.0	0.0
SWEET GRASS	24	24	-	-	100.0	0.0	0.0
TETON	94	89	1	4	94.7	1.1	4.3
TOOLE	78	78	-	-	100.0	0.0	0.0
TREASURE	-	-	-	-	0.0	0.0	0.0
VALLEY	177	177	-	-	100.0	0.0	0.0
WHEATLAND	18	18	-	-	100.0	0.0	0.0
WIBAUX	-	-	-	-	0.0	0.0	0.0
YELLOWSTONE	2,234	2,214	3	17	99.1	0.1	0.8

* BORN ON ARRIVAL

TABLE 7

LIVE BIRTHS BY BIRTH WEIGHT GROUP
MONTANA COUNTIES, 1981

INFANTS BORN TO MOTHERS WHO WERE RESIDENTS
OF MONTANA AND BIRTH WEIGHT WAS GIVEN

	PREMATURE 5 LBS. 8 OZ. AND UNDER		MATURE OVER 5 LBS. 8 OZ.	
COUNTY	NUMBER	PERCENT	NUMBER	PERCENT
MONTANA, TOTAL	790	5.5	13,505	94.5
BEAVERHEAD	3	2.2	134	97.8
BIG HORN	10	3.4	283	96.6
BLAINE	7	4.6	145	95.4
BROADWATER	3	6.7	42	93.3
CARBON	6	5.1	111	94.9
CARTER	2	7.1	26	92.9
CASCADE	105	6.9	1,408	93.1
CHOUTEAU	6	4.9	116	95.1
CUSTER	9	4.3	199	95.7
DANIELS	2	4.7	41	95.3
DAWSON	14	5.5	240	94.5
DEER LODGE	9	7.6	110	92.4
FALLON	4	5.0	76	95.0
FERGUS	8	3.4	224	96.6
FLATHEAD	46	5.0	867	95.0
GALLATIN	29	4.2	658	95.8
GARFIELD	2	5.9	32	94.1
GLACIER	13	4.8	258	95.2
GOLDEN VALLEY	2	11.8	15	88.2
GRANITE	1	1.9	53	98.1
HILL	16	4.5	336	95.5
JEFFERSON	10	7.6	121	92.4
JUDITH BASIN	3	11.5	23	88.5
LAKE	21	5.8	341	94.2
LEWIS & CLARK	45	5.8	734	94.2
LIBERTY	1	1.9	51	98.1
LINCOLN	10	3.2	302	96.8
MCCONE	1	1.6	62	98.4
MADISON	1	1.0	100	99.0
MEAGHER	3	7.5	37	92.5
MINERAL	4	5.6	68	94.4
MISSOULA	74	5.5	1,283	94.5
MUSSELSHELL	3	3.7	78	96.3
PARK	12	5.5	206	94.5
PETROLEUM	-	0.0	11	100.0
PHILLIPS	6	5.8	98	94.2
PONDERA	8	6.8	110	93.2
POWDER RIVER	4	7.8	47	92.2
POWELL	10	8.5	107	91.5
PRAIRIE	2	9.1	20	90.9
RAVALLI	17	4.7	348	95.3
RICHLAND	29	7.9	337	92.1
ROOSEVELT	16	5.6	270	94.4
ROSEBUD	20	6.9	270	93.1
SANDERS	11	7.5	135	92.5
SHERIDAN	3	3.0	98	97.0
SILVER BOW	35	6.8	482	93.2
STILLWATER	2	2.4	80	97.6
SWEET GRASS	3	6.7	42	93.3
TETON	7	5.8	114	94.2
TOOLE	8	7.0	106	93.0
TREASURE	-	0.0	15	100.0
VALLEY	10	5.6	170	94.4
WHEATLAND	2	5.3	36	94.7
WIBAUX	2	6.9	27	93.1
YELLOWSTONE	110	5.8	1,802	94.2

TABLE 8

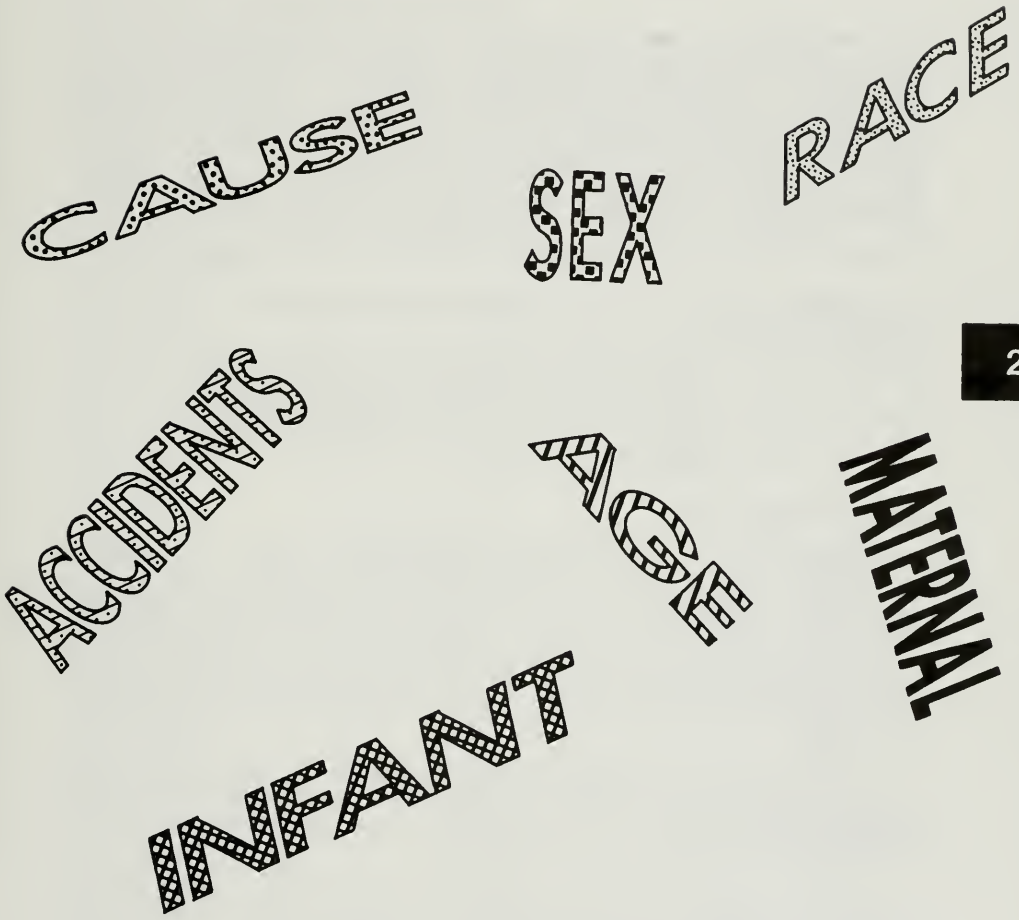
NUMBER AND PERCENT OF LIVE BORN INFANTS BY YEARS OF EDUCATION OF MOTHER AND NUMBER OF CHILDREN BORN ALIVE

MONTANA, 1981

MONTANA RESIDENTS DELIVERING IN MONTANA

EDUCATION OF MOTHER IN YEARS	NUMBER OF LIVE BORN CHILDREN											
	TOTAL	1	2	3	4	5	6	7	8	9	10+	NOT STATED
TOTAL												
NUMBER	13,878	5,683	4,638	2,182	817	301	119	69	27	17	25	-
PERCENT	100.0	40.9	33.4	15.7	5.9	2.2	0.9	0.5	0.2	0.1	0.2	0.0
UNDER 8 YEARS												
NUMBER	81	20	22	11	8	7	4	4	-	2	3	-
PERCENT	100.0	24.7	27.2	13.6	9.9	8.6	4.9	4.9	0.0	2.5	3.7	0.0
8 YEARS												
NUMBER	245	83	61	50	25	7	6	7	2	-	4	-
PERCENT	100.0	33.9	24.9	20.4	10.2	2.9	2.4	2.9	0.8	0.0	1.6	0.0
9 YEARS												
NUMBER	400	183	116	51	29	9	5	2	2	1	2	-
PERCENT	100.0	45.8	29.0	12.8	7.2	2.2	1.2	0.5	0.5	0.2	0.5	0.0
10 YEARS												
NUMBER	654	281	197	108	41	17	7	3	-	-	-	-
PERCENT	100.0	43.0	30.1	16.5	6.3	2.6	1.1	0.5	0.0	0.0	0.0	0.0
11 YEARS												
NUMBER	792	379	225	103	48	21	7	7	-	1	1	-
PERCENT	100.0	47.9	28.4	13.0	6.1	2.7	0.9	0.9	0.0	0.1	0.1	0.0
12 YEARS												
NUMBER	6,011	2,438	2,033	969	347	125	48	21	13	6	11	-
PERCENT	100.0	40.6	33.8	16.1	5.8	2.1	0.8	0.3	0.2	0.1	0.2	0.0
13 YEARS												
NUMBER	1,579	597	564	262	98	28	12	10	5	2	1	-
PERCENT	100.0	37.8	35.7	16.6	6.2	1.8	0.8	0.6	0.3	0.1	0.1	0.0
14 YEARS												
NUMBER	1,187	462	426	176	72	30	9	6	2	2	2	-
PERCENT	100.0	38.9	35.9	14.8	6.1	2.5	0.8	0.5	0.2	0.2	0.2	0.0
15 YEARS												
NUMBER	538	216	171	79	42	15	11	2	1	1	-	-
PERCENT	100.0	40.1	31.8	14.7	7.8	2.8	2.0	0.4	0.2	0.2	0.0	0.0
16 YEARS												
NUMBER	1,730	734	593	282	79	30	7	3	1	-	1	-
PERCENT	100.0	42.4	34.3	16.3	4.6	1.7	0.4	0.2	0.1	0.0	0.1	0.0
17+ YEARS												
NUMBER	615	276	222	83	22	9	1	2	-	-	-	-
PERCENT	100.0	44.9	36.1	13.5	3.6	1.5	0.2	0.3	0.0	0.0	0.0	0.0
NOT STATED												
NUMBER	46	14	8	8	6	3	2	2	1	2	-	-
PERCENT	100.0	30.4	17.4	17.4	13.0	6.5	4.3	4.3	2.2	4.3	0.0	0.0

DEATHS



21

HISTORICAL SERIES

"Any man's death diminishes me, because I am involved in mankind; and therefore never send to know for whom the bell tolls; it tolls for thee." --- John Donne, Devotions

DEATHS

Advances in medical and allied sciences, changing patterns in medical care and public health programs, an increasingly health-consciencious public, and government at all levels, in meeting the health needs of the people, necessitate constant evaluation of Montanans' health status. Such an evaluation is required, not only for an appraisal of the current situation, but also is necessary to redefine present goals and gauge progress toward them. The evaluation depends largely on a study of vital and health statistics records and, more specifically, mortality data.

Three factors make mortality data useful in measuring health status:

1. reporting is consistent nationwide,
2. the total population is covered, and
3. data have been recorded in Montana since 1907, which makes trend analysis possible.

Age-Adjusted Rates

Since age is the most important factor influencing mortality, it is helpful to adjust death rates in an effort to control differences in the age-distributions of the populations of Montana counties. The type of adjustment followed is the method by which the age-specific death rates of a given county are applied to the age-distribution of a standard population, namely the standard million for Montana for 1960.

In comparing crude death rates for Montana and the United States, one should keep in mind that Montana has a younger population (median age 29.0 years) than the United States (30.0 years).

A map showing three-year age-adjusted death rates for Montana counties for 1979-1981 is on page 25. There are thirteen counties in the quartile showing high age-adjusted death rates. Of the thirteen, four are counties that have a relatively high Indian population; namely, Big Horn, Rosebud, Roosevelt, and Glacier. Another six counties are

in the southwestern portion of the state: Powell, Granite, Deer Lodge, Silver Bow, Beaverhead, and Madison. The remaining three counties, Mineral, Petroleum, and Fallon, are scattered across the state and have relatively small populations. The relatively small populations of these counties might account for a wide variation in rates and for their being included in the high quartile.

Three-Year Cause-Specific Rates

In an attempt to make maximum use of census data, death rates from selected causes have been calculated for the period 1979-1981. A three-year period is used in an attempt to deal with the problem of small numbers. We are able to compute a test of statistical significance only if a county has ten or more events during the period. In the case of heart disease, we were able to calculate a test of significance for every county except Petroleum.

Heart Disease

There are more deaths from heart disease than from any other cause. During the three-year period, there were 6,913 deaths from this cause producing a rate of 292.9 deaths per 100,000 population statewide. Fourteen counties had rates statistically-significantly higher than the state rate. Because mortality from heart disease is related to age, we have shown the rate and the median age for these counties:

County	Heart Disease Deaths Per 100,000 Population	Median Age
Carbon	395.1	35.0
Chouteau	410.4	32.1
Custer	404.3	30.4
Deer Lodge	490.0	32.3
Granite	456.8	32.8
Lake	355.1	30.1
Musselshell	444.1	32.6
Park	384.0	32.7
Phillips	447.2	29.5
Powell	392.8	30.9
Prairie	508.4	34.4
Ravalli	352.7	32.3
Silver Bow	505.8	32.0
Stillwater	387.0	33.3

Seven counties had rates significantly lower than the state rate. They are:

County	Rate	Median Age
Gallatin	189.7	25.1
Jefferson	170.7	29.6
Lewis & Clark	238.5	28.9
Lincoln	223.4	28.4
Missoula	200.4	27.4
Rosebud	198.7	25.2
Yellowstone	249.3	28.6

Cancer

Cancer is the second-leading cause of death in Montana. There were 3,874 deaths during 1979-81, producing a rate of 164.1 statewide. Counties with significantly high death rates from cancer, their rates, and median ages are as follows:

County	Rate	Median Age
Carbon	288.1	35.0
Deer Lodge	210.4	32.3
Fergus	224.3	32.6
Granite	259.3	32.8
Lake	202.9	30.1
Madison	238.6	34.2
Musselshell	233.4	32.6
Phillips	236.0	29.5
Ravalli	198.6	32.3
Silver Bow	246.8	32.0
Stillwater	262.0	33.3
Wheatland	282.6	34.0

Counties with significantly low rates:

County	Rate	Median Age
Gallatin	117.4	25.1
Missoula	111.8	27.4
Rosebud	77.4	25.2
Yellowstone	140.1	28.6

Infant Mortality

Infant mortality -- the death rate for children under a year old -- serves as a sensitive social indicator of the overall level of well-being for a given geographic area. Infant mortality, especially postneonatal infant mortality, responds quickly to such environmental conditions as

poverty, malnutrition, poor housing, low educational levels, and quality of medical care.

A major accomplishment of this century has been a reduction in infant mortality. The Montana rate for 1981 is 10.7, which equals the previous low set in 1979. In the past few years, the Montana rate has been lower than the nation's. Factors which may have favorably affected the infant death rate in Montana are an Improved Pregnancy Outcome Project in the Clinical Programs Bureau, and improvements in medical care for pregnant women and their children. Factors which may have adversely affected the infant death rate in Montana are an increasing proportion of births out-of-wedlock, and the distance necessary to travel for medical care as compared to more densely-populated states.

Because of Montana's sparse population, and the fact the state has many counties, the analysis of infant death rates for a single year is plagued by statistical problems involving small numbers. The five-year average infant death rate for the state was 11.8. For this period, only Glacier County, with a rate of 19.6, was significantly higher than the state rate; Lewis and Clark County, with a rate of 7.1, was significantly lower. For 1981, only Silver Bow County, with a rate of 23.2, was significantly higher than the state average of 10.7.

THREE-YEAR AGE-ADJUSTED DEATH RATES: MONTANA COUNTIES, 1979-1981
(BY PLACE OF RESIDENCE)
DEATHS PER 1,000 ESTIMATED POPULATION.
SOURCE: BUREAU OF RECORDS AND STATISTICS.
5.9 - 6.9 LOW QUARTILE
6.6 - 6.9 MEDIUM LOW QUARTILE
7.0 - 7.1 MEDIUM HIGH QUARTILE
7.6 - 10.2 HIGH QUARTILE

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1981

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
	ALL CAUSES	6,709	3,519	213	2,805	172
001-139	INFECTIOUS AND PARASITIC DISEASES	52	27	5	17	3
001-009	INTESTINAL INFECTIOUS DISEASES	1	1	-	-	-
005	OTHER FOOD POISONING (BACTERIAL)	1	1	-	-	-
010-018	TUBERCULOSIS	4	2	1	1	-
011	PULMONARY TUBERCULOSIS	2	1	-	1	-
012	OTHER RESPIRATORY TUBERCULOSIS	1	-	1	-	-
018	MILIARY TUBERCULOSIS	1	1	-	-	-
020-027	ZOONOTIC BACTERIAL DISEASES	1	-	-	-	1
027	OTHER ZOONOTIC BACTERIAL DISEASES	1	-	-	-	1
030-041	OTHER BACTERIAL DISEASES	32	17	2	12	1
036	MENINGOCOCCAL INFECTION	1	1	-	-	-
038	SEPTICEMIA	28	15	2	10	1
040	OTHER BACTERIAL DISEASES	1	-	-	1	-
041	BACTERIAL INFECTION OF UNSPECIFIED NATURE OR SITE	2	1	-	1	-
045-049	POLIOMYELITIS & OTHER NON-ARTHROPOD-BORNE VIRAL DISEASES OF CNS	2	1	-	1	-
046	SLOW VIRUS INFECTION OF CENTRAL NERVOUS SYSTEM	2	1	-	1	-
050-057	VIRAL DISEASES ACCOMPANIED BY EXANTHEM	1	-	-	1	-
053	HERPES ZOSTER	1	-	-	1	-
070-079	OTHER DISEASES DUE TO VIRUSES AND CHLAMYDIAE	2	1	1	-	-
070	VIRAL HEPATITIS	2	1	1	-	-
090-099	SYPHILIS AND OTHER VENEREAL DISEASES	1	-	-	1	-
094	NEUROSYPHILIS	1	-	-	1	-
130-136	OTHER INFECTIOUS AND PARASITIC DISEASES	5	3	1	1	-
135	SARCOIDOSIS	3	2	-	1	-
136	OTHER AND UNSPECIFIED INFECTIONS AND PARASITIC DISEASES	2	1	1	-	-
137-139	LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES	3	2	-	-	1
137	TUBERCULOSIS	3	2	-	-	1
140-239	NEOPLASMS	1,357	696	21	616	24
140-149	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	23	17	-	6	-
140	LIP	1	1	-	-	-
141	TONGUE	7	3	-	4	-
142	MAJOR SALIVARY GLANDS	2	2	-	-	-
144	FLOOR OF MOUTH	1	1	-	-	-
145	OTHER AND UNSPECIFIED PARTS OF MOUTH	3	2	-	1	-
146	OROPHARYNX	1	1	-	-	-
147	NASOPHARYNX	2	2	-	-	-
149	PHARYNX	6	5	-	1	-
150-159	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	344	172	7	162	3
150	OF ESOPHAGUS	23	14	2	7	-
151	OF STOMACH	40	19	1	20	-
152	SMALL INTESTINE, INCLUDING DUODENUM	5	3	-	2	-
153	COLON	133	65	-	67	1
154	RECTUM, RECTOSIGMOID JUNCTION AND ANUS	35	19	-	16	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1981

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
155	LIVER AND INTRAHEPATIC BILE DUCTS.	16	9	1	6	-
156	GALLBLADDER AND EXTRAHEPATIC BILE DUCTS.	15	2	-	11	2
157	PANCREAS	65	34	2	29	-
158	RETROPERITONEUM AND PERITONEUM	5	5	-	-	-
159	ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM.	7	2	1	4	-
160-165	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	310	212	5	85	8
160	NASAL CAVITIES, MIDDLE EAR AND ACCESSORY SINUSES.	1	-	-	1	-
161	LARYNX	10	10	-	-	-
162	TRACHEA, BRONCHUS AND LUNG	299	202	5	84	8
170-175	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST.	165	20	1	139	5
170	BONE AND ARTICULAR CARTILAGE	6	3	1	2	-
171	CONNECTIVE AND OTHER SOFT TISSUE	12	6	-	5	1
172	MALIGNANT MELANOMA OF SKIN	14	7	-	7	-
173	OTHER MALIGNANT NEOPLASM OF SKIN	8	4	-	4	-
174	FEMALE BREAST.	125	-	-	121	4
179-189	MALIGNANT NEOPLASM OF GENITOURINARY ORGANS	238	144	3	89	2
179	UTERUS, PART UNSPECIFIED	9	-	-	9	-
180	CERVIX UTERI	9	-	-	7	2
182	BODY OF UTERUS	4	-	-	4	-
183	OVARY AND OTHER UTERINE ADNEXA	42	-	-	42	-
184	OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	4	-	-	4	-
185	PROSTATE	109	108	1	-	-
186	TESTIS	1	1	-	-	-
188	BLADDER.	36	21	-	15	-
189	KIDNEY AND OTHER UNSPECIFIED URINARY ORGANS	24	14	2	8	-
190-199	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES.	126	64	2	57	3
191	BRAIN.	37	26	-	10	1
192	OTHER AND UNSPECIFIED PARTS OF NERVOUS SYSTEM	4	3	-	1	-
193	THYROID GLAND.	1	-	-	1	-
194	OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	2	-	-	2	-
195	ILL-DEFINED SITES.	7	3	-	3	1
199	MALIGNANT NEOPLASM WITHOUT SPECIFICATION OF SITE.	75	32	2	40	1
200-208	MALIGNANT NEOPLASM OF LYMPHATIC AND HEMATOPOIETIC TISSUE	137	63	2	69	3
200	LYMPHOSARCOMA AND RETICULOSARCOMA.	17	9	-	8	-
201	HODGKIN'S DISEASE.	8	2	1	5	-
202	OTHER MALIGNANT NEOPLASM OF LYMPHOID AND HISTIOCYTIC TISSUE	31	13	-	16	2
203	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS.	24	9	1	14	-
204	LYMPHOID LEUKEMIA.	21	11	-	10	-
205	MYELOID LEUKEMIA	20	8	-	12	-
208	LEUKEMIA OF UNSPECIFIED CELL TYPE.	16	11	-	4	1
210-229	BENIGN NEOPLASMS	5	1	1	3	-
225	BRAIN AND OTHER PARTS OF NERVOUS SYSTEM.	3	-	1	2	-
227	OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	2	1	-	1	-
235-238	NEOPLASMS OF UNCERTAIN BEHAVIOR.	7	2	-	5	-
235	DIGESTIVE AND RESPIRATORY.	1	-	-	1	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1981

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
238	OTHER AND UNSPECIFIED SITES AND TISSUES.	6	2	-	4	-
239-239	NEOPLASMS OF UNSPECIFIED NATURE.	2	1	-	1	-
239	NEOPLASM OF UNSPECIFIED NATURE	2	1	-	1	-
240-279	ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES & IMMUNITY DISORDERS	132	57	3	66	6
240-246	DISORDERS OF THYROID GLAND	3	2	-	1	-
242	THYROTOXICOSIS WITH OR WITHOUT GOITRE.	1	1	-	-	-
244	ACQUIRED HYPOTHYROIDISM.	2	1	-	1	-
250-259	DISEASES OF OTHER ENDOCRINE GLANDS	99	39	2	53	5
250	DIABETES MELLITUS.	95	38	2	50	5
252	DISORDERS OF PARATHYROID GLAND	1	-	-	1	-
255	DISORDERS OF ADRENAL GLANDS.	3	1	-	2	-
260-269	NUTRITIONAL DEFICIENCIES	7	3	1	3	-
263	OTHER AND UNSPECIFIED PROTEIN-CALORIE MALNUTRITION	7	3	1	3	-
270-279	OTHER METABOLIC DISORDERS & IMMUNITY DISORDERS.	23	13	-	9	1
273	PLASMA PROTEIN METABOLISM.	2	1	-	1	-
275	MINERAL METABOLISM	1	1	-	-	-
276	FLUID, ELECTROLYTE AND ACID-BASE BALANCE	9	4	-	4	1
277	OTHER AND UNSPECIFIED DISORDERS OF METABOLISM	6	6	-	-	-
278	OBESITY AND OTHER HYPERALIMENTATION.	5	1	-	4	-
280-289	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	16	8	1	7	-
280-289	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	16	8	1	7	-
281	OTHER DEFICIENCY ANEMIAS	1	1	-	-	-
283	ACQUIRED HEMOLYTIC ANEMIAS	1	1	-	-	-
284	APLASTIC ANEMIA.	7	3	-	4	-
285	OTHER AND UNSPECIFIED ANEMIAS.	1	-	-	1	-
286	COAGULATION DEFECTS.	1	-	-	1	-
287	PURPURA AND OTHER HEMORRHAGIC CONDITIONS	1	-	1	-	-
288	DISEASES OF WHITE BLOOD CELLS.	1	1	-	-	-
289	OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	3	2	-	1	-
290-319	MENTAL DISORDERS	69	33	3	27	6
290-294	ORGANIC PSYCHOTIC CONDITIONS	12	7	-	5	-
290	SENILE AND PRESENILE ORGANIC PSYCHOTIC CONDITIONS	12	7	-	5	-
295-299	OTHER PSYCHOSES.	3	-	-	3	-
295	SCHIZOPHRENIC PSYCHOSES.	1	-	-	1	-
296	AFFECTIVE PSYCHOSES.	1	-	-	1	-
298	OTHER NONORGANIC PSYCHOSES	1	-	-	1	-
300-316	NEUROSES, PERSONALITY DISORDERS & OTHER NON-PSYCHOTIC MENTAL DISORDERS	52	26	2	18	6
300	NEUROTIC DISORDERS	1	-	-	1	-
303	ALCOHOL DEPENDENCE SYNDROME.	32	22	2	3	5
305	NONDEPENDENT ABUSE OF DRUGS.	1	1	-	-	-
307	SPECIAL SYMPTOMS OR SYNDROMES NOT ELSEWHERE CLASSIFIED	2	-	-	2	-
310	SPECIFIC NONPSYCHOTIC MENTAL DISORDERS AFTER ORGANIC BRAIN DAMAGE	14	3	-	10	1
311	DEPRESSIVE DISORDER, NOT ELSEWHERE CLASSIFIED	2	-	-	2	-
317-319	MENTAL RETARDATION	2	-	1	1	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1981

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
319	UNSPECIFIED MENTAL RETARDATION	2	-	1	1	-
320-389	DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	86	47	1	36	2
320-326	INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	12	3	1	8	-
320	BACTERIAL MENINGITIS	6	2	-	4	-
322	MENINGITIS OF UNSPECIFIED CAUSE	2	-	-	2	-
323	ENCEPHALITIS, MYELITIS AND ENCEPHALOMYELITIS	1	-	-	1	-
324	INTRACRANIAL AND INTRASPINAL ABSCESS	3	1	1	1	-
330-337	HEREDITARY & DEGENERATIVE DISEASES OF THE CNS	38	21	-	16	1
331	OTHER CEREBRAL DEGENERATIONS	5	3	-	2	-
332	PARKINSON'S DISEASE	14	8	-	6	-
333	OTHER EXTRAPYRAMIDAL DISEASE AND ABNORMAL MOVEMENT DISORDERS	1	1	-	-	-
334	SPINOCEREBELLAR DISEASE	2	1	-	1	-
335	ANTERIOR HORN CELL DISEASE	15	7	-	7	1
336	OTHER DISEASES OF SPINAL CORD	1	1	-	-	-
340-349	OTHER DISORDERS OF THE CENTRAL NERVOUS SYSTEM	30	19	-	10	1
340	MULTIPLE SCLEROSIS	6	4	-	2	-
341	OTHER DEMYELINATING DISEASES OF CENTRAL NERVOUS SYSTEM	1	1	-	-	-
342	HEMIPLEGIA	1	1	-	-	-
343	INFANTILE CEREBRAL PALSY	3	3	-	-	-
344	OTHER PARALYTIC SYNDROMES	1	-	-	1	-
345	EPILEPSY	7	4	-	2	1
348	OTHER CONDITIONS OF BRAIN	9	6	-	3	-
349	OTHER AND UNSPECIFIED DISORDERS OF THE NERVOUS SYSTEM	2	-	-	2	-
350-359	DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	6	4	-	2	-
356	HEREDITARY AND IDIOPATHIC PERIPHERAL NEUROPATHY	2	1	-	1	-
357	INFLAMMATORY AND TOXIC NEUROPATHY	1	1	-	-	-
358	MYONEURAL DISORDERS	1	-	-	1	-
359	MUSCULAR DYSTROPHIES AND OTHER MYOPATHIES	2	2	-	-	-
390-459	DISEASES OF THE CIRCULATORY SYSTEM	3,098	1,556	53	1,439	50
393-398	CHRONIC RHEUMATIC HEART DISEASE	36	8	-	27	1
394	DISEASES OF MITRAL VALVE	14	1	-	13	-
395	DISEASES OF AORTIC VALVE	3	1	-	2	-
396	DISEASES OF MITRAL AND AORTIC VALVES	3	3	-	-	-
397	DISEASES OF OTHER ENDOCARDIAL STRUCTURES	2	-	-	1	1
398	OTHER RHEUMATIC HEART DISEASE	14	3	-	11	-
401-404	HYPERTENSIVE DISEASE	89	31	1	55	2
401	ESSENTIAL HYPERTENSION	14	8	1	5	-
402	HYPERTENSIVE HEART DISEASE	55	19	-	35	1
403	HYPERTENSIVE RENAL DISEASE	13	4	-	9	-
404	HYPERTENSIVE HEART AND RENAL DISEASE	7	-	-	6	1
410-414	ISCHEMIC HEART DISEASE	1,558	896	36	607	19
410	ACUTE MYOCARDIAL INFARCTION	888	537	23	314	14
411	OTHER ACUTE AND SUBACUTE FORM OF ISCHEMIC HEART DISEASE	5	3	-	2	-
412	OLD MYOCARDIAL INFARCTION	3	2	-	1	-
414	OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	662	354	13	290	5
415-417	DISEASES OF PULMONARY CIRCULATION	41	15	-	24	2
415	ACUTE PULMONARY HEART DISEASE	33	11	-	20	2

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1981

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
416	CHRONIC PULMONARY HEART DISEASE.	8	4	-	4	-
420-429	OTHER FORMS OF HEART DISEASE	582	282	10	271	19
421	ACUTE AND SUBACUTE ENDOCARDITIS.	3	1	-	2	-
422	ACUTE MYOCARDITIS.	1	-	-	-	1
423	OTHER DISEASES OF PERICARDIUM.	2	1	-	1	-
424	OTHER DISEASES OF ENDOCARDIUM.	33	15	1	17	-
425	CARDIOMYOPATHY	16	11	-	5	-
426	CONDUCTION DISORDERS	3	1	-	2	-
427	CARDIAC DYSRHYTHMIAS	206	105	6	87	8
428	HEART FAILURE.	123	69	1	45	8
429	ILL-DEFINED DESCRIPTIONS & COMPLICATIONS OF HEART DISEASE	195	79	2	112	2
430-438	CEREBROVASCULAR DISEASE	549	215	4	325	5
430	SUBARACHNOID HEMORRHAGE.	27	6	1	19	1
431	INTRACEREBRAL HEMORRHAGE	38	20	-	18	-
432	OTHER AND UNSPECIFIED INTRACRANIAL HEMORRHAGE	3	2	-	1	-
433	OCCLUSION AND STENOSIS OF PRECEREBRAL ARTERIES	5	4	-	1	-
434	OCCLUSION OF CEREBRAL ARTERIES	105	40	-	65	-
435	TRANSIENT CEREBRAL ISCHEMIA.	2	1	-	1	-
436	ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE.	286	115	2	165	4
437	OTHER AND ILL-DEFINED CEREBROVASCULAR DISEASE.	68	22	-	46	-
438	LATE EFFECTS OF CEREBROVASCULAR DISEASE. . . .	15	5	1	9	-
440-448	DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES.	216	93	2	120	1
440	ATHEROSCLEROSIS.	156	57	-	98	1
441	AORTIC ANEURYSM.	43	28	1	14	-
442	OTHER ANEURYSM	4	3	1	-	-
443	OTHER PERIPHERAL VASCULAR DISEASE.	2	-	-	2	-
444	ARTERIAL EMBOLISM AND THROMBOSIS	4	-	-	4	-
446	POLYARTERITIS NODOSA AND ALLIED CONDITIONS	2	1	-	1	-
447	OTHER DISORDERS OF ARTERIES AND ARTERIOLES	5	4	-	1	-
451-459	DISEASES OF VEINS & LYMPHATICS, & OTHER DIS. OF CIRCULATORY SYSTEM.	27	16	-	10	1
451	PHLEBITIS AND THROMBOPHLEBITIS	6	4	-	2	-
453	OTHER VENOUS EMBOLISM AND THROMBOSIS	2	1	-	1	-
456	VARICOSE VEINS OF OTHER SITES.	2	1	-	-	1
458	HYPOTENSION.	3	2	-	1	-
459	OTHER DISORDERS OF CIRCULATORY SYSTEM.	14	8	-	6	-
460-519	DISEASES OF THE RESPIRATORY SYSTEM	530	331	10	181	8
460-466	ACUTE RESPIRATORY INFECTIONS	3	1	1	1	-
464	ACUTE LARYNGITIS AND TRACHEITIS.	1	1	-	-	-
466	ACUTE BRONCHITIS AND BRONCHIOLITIS	2	-	1	1	-
470-478	OTHER DISEASES OF UPPER RESPIRATORY TRACT.	1	-	-	1	-
478	OTHER DISEASES OF UPPER RESPIRATORY TRACT. . . .	1	-	-	1	-
480-487	PNEUMONIA AND INFLUENZA.	181	91	3	84	3
480	VIRAL PNEUMONIA.	2	1	-	1	-
481	PNEUMOCOCCAL PNEUMONIA	8	2	1	4	1
482	OTHER BACTERIAL PNEUMONIA.	8	4	-	4	-
485	BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED	31	14	-	16	1
486	PNEUMONIA, ORGANISM UNSPECIFIED.	122	65	1	55	1
487	INFLUENZA.	10	5	1	4	-
490-496	CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS.	299	210	6	81	2

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1981

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
490	BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	2	2	-	-	-
491	CHRONIC BRONCHITIS	22	14	1	7	-
492	EMPHYSEMA	69	54	-	15	-
493	ASTHMA	23	11	1	11	-
494	BRONCHIECTASIS	1	-	-	-	1
496	CHRONIC AIRWAYS OBSTRUCTION, NOT ELSEWHERE CLASSIFIED	182	129	4	48	1
500-508	PNEUMOCONIOSES AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENTS	9	8	-	-	1
500	COALWORKERS' PNEUMOCONIOSIS	1	1	-	-	-
502	PNEUMOCONIOSIS DUE TO OTHER SILICA OR SILICATES	1	1	-	-	-
507	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	7	6	-	-	1
510-519	OTHER DISEASES OF RESPIRATORY SYSTEM	37	21	-	14	2
510	EMPYEMA	3	2	-	1	-
512	PNEUMOTHORAX	1	-	-	1	-
513	ABSCESS OF LUNG AND MEDIASTINUM	2	2	-	-	-
514	PULMONARY CONGESTION AND HYPOSTASIS	5	1	-	3	1
515	POSTINFLAMMATORY PULMONARY FIBROSIS	7	6	-	1	-
518	OTHER DISEASES OF LUNG	16	9	-	7	-
519	OTHER DISEASES OF RESPIRATORY SYSTEM	3	1	-	1	1
520-579	DISEASES OF THE DIGESTIVE SYSTEM	278	116	15	121	26
530-537	DISEASES OF ESOPHAGUS, STOMACH AND DUODENUM	41	22	-	19	-
530	DISEASES OF ESOPHAGUS	8	5	-	3	-
531	GASTRIC ULCER	7	2	-	5	-
532	DUODENAL ULCER	14	8	-	6	-
533	PEPTIC ULCER, SITE UNSPECIFIED	9	6	-	3	-
535	GASTRITIS AND DUODENITIS	2	-	-	2	-
537	OTHER DISORDERS OF STOMACH AND DUODENUM	1	1	-	-	-
550-553	HERNIA OF ABDOMINAL CAVITY	6	1	-	5	-
550	INGUINAL HERNIA	1	1	-	-	-
552	OTHER WITH OBSTRUCTION, WITHOUT MENTION OF GANGRENE	2	-	-	2	-
553	OTHER WITHOUT MENTION OF OBSTRUCTION OR GANGRENE	3	-	-	3	-
555-558	NONINFECTIVE ENTERITIS AND COLITIS	29	15	-	14	-
557	VASCULAR INSUFFICIENCY OF INTESTINE	26	12	-	14	-
558	OTHER NONINFECTIVE GASTROENTERITIS AND COLITIS	3	3	-	-	-
560-569	OTHER DISEASES OF INTESTINES AND PERITONEUM	34	8	-	26	-
560	INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	17	3	-	14	-
562	DIVERTICULA OF INTESTINE	8	3	-	5	-
567	PERITONITIS	7	2	-	5	-
569	OTHER DISORDERS OF INTESTINE	2	-	-	2	-
570-579	OTHER DISEASES OF DIGESTIVE SYSTEM	168	70	15	57	26
570	ACUTE AND SUBACUTE NECROSIS OF LIVER	1	-	-	1	-
571	CHRONIC LIVER DISEASE AND CIRRHOSIS	109	46	14	28	21
572	LIVER ABSCESS AND SEQUELAE OF CHRONIC LIVER DISEASE	8	4	-	3	1
573	OTHER DISORDERS OF LIVER	4	1	1	2	-
574	CHOLELITHIASIS	6	3	-	2	1
575	OTHER DISORDERS OF GALLBLADDER	5	1	-	2	2
576	OTHER DISORDERS OF BILIARY TRACT	6	2	-	4	-
577	DISEASES OF PANCREAS	10	5	-	5	-
578	GASTROINTESTINAL HEMORRHAGE	18	8	-	9	1
579	INTESTINAL MALABSORPTION	1	-	-	1	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1981

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
580-629	DISEASES OF THE GENITOURINARY SYSTEM	96	50	3	41	2
580-589	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	70	36	3	29	2
580	ACUTE GLOMERULONEPHRITIS	2	2	-	-	-
581	NEPHROTIC SYNDROME	1	1	-	-	-
582	CHRONIC GLOMERULONEPHRITIS	11	4	-	6	1
583	NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC	2	2	-	-	-
584	ACUTE RENAL FAILURE	8	4	-	4	-
585	CHRONIC RENAL FAILURE	12	6	2	4	-
586	RENAL FAILURE, UNSPECIFIED	34	17	1	15	1
590-599	OTHER DISEASES OF URINARY SYSTEM	22	11	-	11	-
590	INFECTIONS OF KIDNEY	6	4	-	2	-
592	CALCULUS OF KIDNEY AND URETER	1	1	-	-	-
593	OTHER DISORDERS OF KIDNEY AND URETER	2	2	-	-	-
596	OTHER DISORDERS OF BLADDER	1	-	-	1	-
599	OTHER DISORDERS OF URETHRA AND URINARY TRACT	12	4	-	8	-
600-608	DISEASES OF MALE GENITAL ORGANS	3	3	-	-	-
600	HYPERPLASIA OF PROSTATE	3	3	-	-	-
617-629	OTHER DISORDERS OF FEMALE GENITAL TRACT	1	-	-	1	-
627	MENOPAUSAL AND POSTMENOPAUSAL DISORDERS	1	-	-	1	-
680-709	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	2	1	-	1	-
690-698	OTHER INFLAMMATORY CONDITIONS OF SKIN AND SUBCUTANEOUS TISSUE	2	1	-	1	-
695	ERYTHEMATOUS CONDITIONS	2	1	-	1	-
710-739	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	19	7	-	12	-
710-719	ARTHROPATHIES AND RELATED DISORDERS	13	4	-	9	-
710	DIFFUSE DISEASES OF CONNECTIVE TISSUE	8	1	-	7	-
714	RHEUMATOID ARTHRITIS & OTHER INFLAMMATORY POLYARTHROPATHIES	4	3	-	1	-
715	OSTEOARTHROSIS AND ALLIED DISORDERS	1	-	-	1	-
720-724	DORSOPATHIES	1	1	-	-	-
722	INTERVERTEBRAL DISC DISORDERS	1	1	-	-	-
725-729	RHEUMATISM, EXLUDING THE BACK	1	-	-	1	-
729	OTHER DISORDERS OF SOFT TISSUE	1	-	-	1	-
730-739	OSTEOPATHIES, CHONDROPATHIES & ACQUIRED MUSCULOSKELETAL DEFORMITIES	4	2	-	2	-
730	OSTEOMYELITIS, PERIOSTITIS AND OTHER INFECTIONS INVOLVING BONE	1	1	-	-	-
731	OSTEITIS DEFORMANS & OSTEOPATHIES ASSOC. WITH OTHER DISORDERS	1	1	-	-	-
733	OTHER DISORDERS OF BONE AND CARTILAGE	1	-	-	1	-
737	CURVATURE OF SPINE	1	-	-	1	-
740-759	CONGENITAL ANOMALIES	39	22	1	15	1
740-759	CONGENITAL ANOMALIES	39	22	1	15	1
740	ANENCEPHALUS AND SIMILAR ANOMALIES	1	1	-	-	-
742	OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	2	1	-	1	-
745	BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE	7	3	-	4	-
746	OTHER CONGENITAL ANOMALIES OF HEART	12	8	-	4	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1981

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
747	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	3	2	-	1	-
748	CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	1	1	-	-	-
751	OTHER CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	3	2	-	-	1
756	OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES	4	1	1	2	-
758	CHROMOSOMAL ANOMALIES	3	1	-	2	-
759	OTHER & UNSPECIFIED CONGENITAL ANOMALIES	3	2	-	1	-
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	74	41	1	25	7
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	74	41	1	25	7
761	MATERNAL COMPLICATIONS OF PREGNANCY	6	5	-	-	1
762	COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	6	4	-	2	-
763	OTHER COMPLICATIONS OF LABOR AND DELIVERY	1	-	-	1	-
765	PREMATURITY	6	4	-	2	-
767	BIRTH TRAUMA	2	1	-	-	1
768	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	7	-	-	4	3
769	RESPIRATORY DISTRESS SYNDROME	13	12	-	1	-
770	OTHER RESPIRATORY CONDITIONS OF FETUS AND NEWBORN	16	7	1	8	-
771	INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	7	3	-	2	2
772	FETAL AND NEONATAL HEMORRHAGE	2	2	-	-	-
777	PERINATAL DISORDERS OF DIGESTIVE SYSTEM	1	-	-	1	-
778	CONDITIONS INVOLVING THE INTEGUMENT AND TEMPERATURE REGULATION	2	1	-	1	-
779	ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	5	2	-	3	-
780-799	SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	109	50	7	42	10
780-789	SYMPTOMS	2	-	-	1	1
785	SYMPTOMS INVOLVING CARDIOVASCULAR SYSTEM	2	-	-	1	1
797-799	ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY & MORTALITY	107	50	7	41	9
797	SENILITY WITHOUT MENTION OF PSYCHOSIS	10	5	-	5	-
798	SUDDEN DEATH, CAUSE UNKNOWN	41	18	5	11	7
799	OTHER ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY	56	27	2	25	2
800-999	EXTERNAL CAUSES OF INJURY AND POISONING	752	477	89	159	27
800-807	RAILWAY ACCIDENTS	4	1	3	-	-
804	FALL IN, ON OR FROM RAILWAY TRAIN	1	-	1	-	-
805	HIT BY ROLLING STOCK	3	1	2	-	-
810-819	MOTOR VEHICLE TRAFFIC ACCIDENTS	303	179	48	63	13
810	COLLISION WITH TRAIN	3	2	-	1	-
812	INVOLVING COLLISION WITH ANOTHER MOTOR VEHICLE	96	51	16	26	3
813	INVOLVING COLLISION WITH OTHER VEHICLE	2	2	-	-	-
814	INVOLVING COLLISION WITH PEDESTRIAN	33	17	7	8	1
815	OTHER TRAFFIC ACCIDENT INVOLVING COLLISION ON THE HIGHWAY	35	22	4	7	2
816	LOSS OF CONTROL, WITHOUT COLLISION ON THE HIGHWAY	129	81	21	20	7
818	OTHER NONCOLLISION TRAFFIC ACCIDENT	1	1	-	-	-
819	MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE	4	3	-	1	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1981

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
820-825	MOTOR VEHICLE NONTRAFFIC ACCIDENTS	5	5	-	-	-
820	INVOLVING MOTOR-DRIVEN SNOW VEHICLE.	2	2	-	-	-
821	INVOLVING OTHER OFF-ROAD MOTOR VEHICLE	1	1	-	-	-
822	INVOLVING COLLISION WITH MOVING OBJECT	1	1	-	-	-
825	NONTRAFFIC ACCIDENT OF OTHER AND UNSPECIFIED NATURE	1	1	-	-	-
826-829	OTHER ROAD VEHICLE ACCIDENTS	3	3	-	-	-
828	ACCIDENT INVOLVING ANIMAL BEING RIDDEN	3	3	-	-	-
830-838	WATER TRANSPORT ACCIDENTS.	8	6	-	2	-
830	ACCIDENT TO WATERCRAFT CAUSING SUBMERSION.	8	6	-	2	-
840-845	AIR AND SPACE TRANSPORT ACCIDENTS.	16	14	-	2	-
841	ACCIDENT TO POWERED AIRCRAFT, OTHER AND UNSPECIFIED.	14	13	-	1	-
842	ACCIDENT TO UNPOWERED AIRCRAFT	1	1	-	-	-
844	OTHER SPECIFIED AIR TRANSPORT ACCIDENTS.	1	-	-	1	-
846-848	VEHICLE ACCIDENTS NOT ELSEWHERE CLASSIFIABLE	2	2	-	-	-
846	POWERED VEHICLES WITHIN THE PREMISES OF A COMMERCIAL ESTABLISHMENT	1	1	-	-	-
848	INVOLVING OTHER VEHICLES, NEC.	1	1	-	-	-
850-858	ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS & BIOLOGICALS.	5	3	-	2	-
850	BY ANALGESICS, ANTIPYRETICS, ANTIRHEUMATICS	1	-	-	1	-
856	BY ANTIBIOTICS	1	-	-	1	-
858	BY OTHER DRUGS	3	3	-	-	-
860-869	ACCIDENTAL POISONING BY OTHER SOLID & LIQUID SUBSTANCES,GASES & VAPORS	15	8	3	3	1
860	BY ALCOHOL, NEC.	2	1	1	-	-
861	BY CLEANSING & POL. AGENTS, PAINTS, DISINFECTANTS, & VARNISH	1	-	-	-	1
862	BY PETROLEUM PRODUCTS, OTHER SOLVENTS & THEIR VAPORS, NEC.	1	1	-	-	-
868	BY OTHER UTILITY GAS AND OTHER CARBON MONOXIDE	10	5	2	3	-
869	BY OTHER GASES AND VAPORS.	1	1	-	-	-
870-876	MISADVENTURES TO PATIENTS DURING SURGICAL AND MEDICAL CARE	2	-	-	1	1
870	ACCIDENTAL CUT, PUNCTURE, PERFORATION OR HEMORRHAGE	1	-	-	-	1
876	OTHER AND UNSPECIFIED MISADVENTURES DURING MEDICAL CARE.	1	-	-	1	-
878-879	SURGICAL & MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION	4	1	-	3	-
878	SURGICAL OPERATION AND OTHER SURGICAL PROCEDURES	3	1	-	2	-
879	OTHER PROCEDURES	1	-	-	1	-
880-888	ACCIDENTAL FALLS	68	33	2	31	2
880	FALL ON OR FROM STAIRS OR STEPS.	13	5	1	7	-
881	FALL ON OR FROM LADDERS OR SCAFFOLDING	1	1	-	-	-
884	OTHER FALL FROM ONE LEVEL TO ANOTHER	10	6	-	4	-
885	FALL ON SAME LEVEL FROM SLIPPING, TRIPPING OR STUMBLING.	2	-	-	2	-
887	FRACTURE, CAUSE UNSPECIFIED.	5	2	-	3	-
888	OTHER AND UNSPECIFIED FALL	37	19	1	15	2
890-899	ACCIDENTS CAUSED BY FIRE AND FLAMES.	13	7	2	3	1

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1981

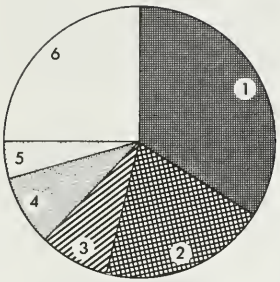
BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
890	CONFLAGRATION IN PRIVATE DWELLING.	12	7	2	2	1
898	OTHER SPECIFIED FIRE AND FLAMES.	1	-	-	1	-
900-909	ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS.	14	9	1	2	2
901	EXCESSIVE COLD	8	3	1	2	2
905	VENOMOUS ANIMALS AND PLANTS.	1	1	-	-	-
906	OTHER INJURY CAUSED BY ANIMALS	1	1	-	-	-
907	LIGHTNING.	2	2	-	-	-
909	CATACLYSMIC EARTH SURFACE MOVEMENTS AND ERUPTIONS.	2	2	-	-	-
910-915	ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION AND FOREIGN BODIES	45	28	9	7	1
910	ACCIDENTAL DROWNING AND SUBMERSION	35	24	7	3	1
911	INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OR SUFFOCATION	4	1	2	1	-
912	INHALATION & ING. OF OTHER OBJECT CAUSING OBSTRUCTION OR SUFFOCATION	1	-	-	1	-
913	ACCIDENTAL MECHANICAL SUFFOCATION.	4	2	-	2	-
914	FOREIGN BODY ACCIDENTALLY ENTERING EYE & ADNEXA	1	1	-	-	-
916-928	OTHER ACCIDENTS.	38	35	2	-	1
916	STRUCK ACCIDENTALLY BY FALLING OBJECT.	4	3	-	-	1
917	STRIKING AGAINST OR STRUCK ACCIDENTALLY BY OBJECTS OR PERSONS.	3	2	1	-	-
919	ACCIDENTS CAUSED BY MACHINERY.	13	13	-	-	-
921	CAUSED BY EXPLOSION OF PRESSURE VESSEL	2	2	-	-	-
922	CAUSED BY FIREARM MISSILE.	7	6	1	-	-
925	ACCIDENT CAUSED BY ELECTRIC CURRENT.	7	7	-	-	-
927	OVEREXERTION AND STRENUOUS MOVEMENTS	1	1	-	-	-
928	OTHER AND UNSPECIFIED ENVIRONMENTAL AND ACCIDENTAL CAUSES.	1	1	-	-	-
929-929	LATE EFFECTS OF ACCIDENTAL INJURY.	8	6	2	-	-
929	LATE EFFECTS OF ACCIDENTAL INJURY.	8	6	2	-	-
950-959	SUICIDE AND SELFINFLICTED INJURY	137	106	8	23	-
950	SELFINFLICTED POISONING BY SOLID OR LIQUID SUBSTANCES	14	7	-	7	-
952	SELFINFLICTED POISONING BY OTHER GASES AND VAPORS	10	8	-	2	-
953	SELFINFLICTED INJURY BY HANGING, STRANGULATION AND SUFFOCATION	19	12	4	3	-
955	SELFINFLICTED INJURY BY FIREARMS AND EXPLOSIVES	92	78	4	10	-
956	SELFINFLICTED INJURY BY CUTTING AND PIERCING INSTRUMENTS	2	1	-	1	-
960-969	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS.	47	20	9	13	5
960	FIGHT, BRAWL, RAPE	1	-	-	-	1
963	ASSAULT BY HANGING AND STRANGULATION	1	-	-	1	-
965	ASSAULT BY FIREARMS AND EXPLOSIVES	38	17	7	11	3
966	ASSAULT BY CUTTING & PIERCING INSTRUMENT	5	3	1	-	1
967	CHILD BATTERING AND OTHER MALTREATMENT	2	-	1	1	-
980-989	INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED.	15	11	-	4	-
980	POISONING BY SOLID OR LIQUID SUBSTANCES.	5	3	-	2	-
982	POISONING BY OTHER GASES	1	1	-	-	-
984	SUBMERSION (DROWNING).	1	-	-	1	-
985	INJURY BY FIREARMS AND EXPLOSIVES.	4	3	-	1	-
986	INJURY BY CUTTING AND PIERCING INSTRUMENTS.	1	1	-	-	-
988	INJURY BY OTHER AND UNSPECIFIED MEANS.	3	3	-	-	-

TABLE 10

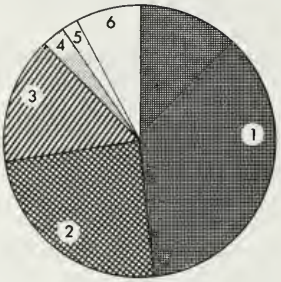
LEADING CAUSES OF DEATH BY AGE GROUP
Montana, 1981
(By Place of Residence)

ALL AGES



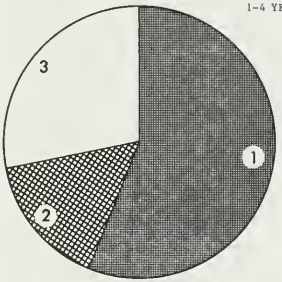
Cause of Death	Number of Deaths
1. Heart Disease	2,279
2. Cancer	1,343
3. Accidents	553
4. Stroke	549
5. Chronic Obstructive Pulmonary Diseases	299
6. Other Causes	1,686
Total Deaths	6,709

UNDER 1 YEAR



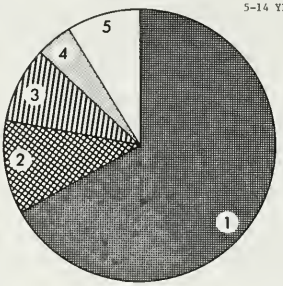
Cause of Death	Number of Deaths
1. Diseases of Early Infancy	74
2. Sudden Infant Death	37
3. Congenital Anomalies	23
4. Accidents	4
5. Pneumonia & Influenza	3
6. Other Causes	12
Total Deaths	153

1-4 YEARS



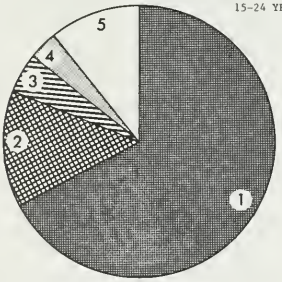
Cause of Death	Number of Deaths
1. Accidents	14
2. Congenital Anomalies	4
3. Other Causes	7
Total Deaths	25

5-14 YEARS



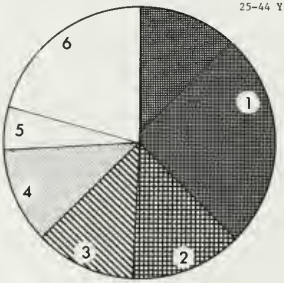
Cause of Death	Number of Deaths
1. Accidents	30
2. Cancer	5
3. Other Disorders of Metabolism	4
4. Congenital Anomalies	2
5. Other Causes	4
Total Deaths	45

15-24 YEARS



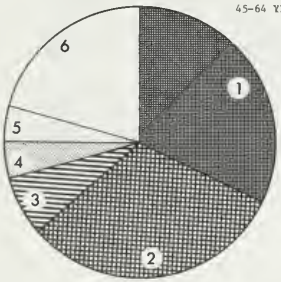
Cause of Death	Number of Deaths
1. Accidents	138
2. Suicide	28
3. Homicide	10
4. Cancer	7
5. Other Causes	22
Total Deaths	205

25-44 YEARS



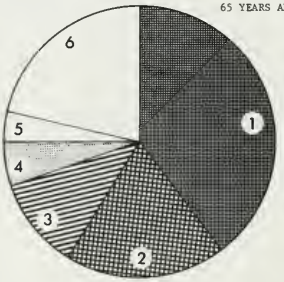
Cause of Death	Number of Deaths
1. Accidents	168
2. Suicide	57
3. Cancer	53
4. Heart Disease	51
5. Homicide	22
6. Other Causes	92
Total Deaths	443

45-64 YEARS



Cause of Death	Number of Deaths
1. Heart Disease	426
2. Cancer	417
3. Accidents	93
4. Cirrhosis of liver	58
5. Chronic Obstructive Pulmonary Diseases	56
6. Other Causes	274
Total Deaths	1,324

65 YEARS AND OLDER



Cause of Death	Number of Deaths
1. Heart Disease	1,798
2. Cancer	860
3. Stroke	487
4. Chronic Obstructive Pulmonary Diseases	240
5. Pneumonia&Influenza	159
6. Other Causes	970
Total Deaths	4,514

TABLE 11

DEATHS FROM SELECTED ACCIDENTS BY AGE
MONTANA, 1981

BY PLACE OF OCCURRENCE. EACH PERCENT HAS BEEN INDEPENDENTLY ROUNDED TO THE NEAREST ONE-TENTH OF ONE PERCENT; HENCE, THE SUMS OF PARTS MAY DIFFER SLIGHTLY FROM THE TOTALS SHOWN.

NINTH REVISION INTERNATIONAL LIST NUMBER	ACCIDENTAL CAUSE OF DEATH	TOTAL ALL AGES	UNDER 1 YEAR	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65 AND OVER	AGE NOT STATED
		NUMBER												
	TOTAL DEATHS, ALL CAUSES	6,707	133	24	22	27	100	133	234	234	397	902	4,501	-
	ACCIDENTAL DEATHS, TOTAL	603	5	14	19	18	76	83	126	63	51	41	107	-
810-825	MOTOR VEHICLE, TOTAL	349	1	3	7	16	60	64	83	39	28	18	30	-
800-807,826-949	OTHER ACCIDENTS, TOTAL	254	4	11	12	2	16	19	43	24	23	23	77	-
800-807,826-848	OTHER TRANSPORTATION, TOTAL	34	-	-	1	-	4	3	9	6	6	3	2	-
840-845	AIRCRAFT	16	-	-	-	-	2	1	4	4	4	1	-	-
800-807,826-838 846-848	OTHER	18	-	-	1	-	2	2	5	2	2	2	2	-
850-866	POISONING BY SOLIDS AND LIQUIDS, TOTAL	9	-	-	-	-	1	1	3	1	2	-	1	-
850-858	DRUGS AND MEDICATIONS	5	-	-	-	-	-	-	1	1	2	-	1	-
860-866	OTHER	4	-	-	-	-	1	1	2	-	-	-	-	-
867-869	POISONING BY GASES, TOTAL	12	-	1	-	-	2	1	2	-	-	6	-	-
867-8681	UTILITY GAS	6	-	-	-	-	1	1	1	-	-	3	-	-
8682-8699	OTHER	6	-	1	-	-	1	-	1	-	-	3	-	-
880-888	FALLS, TOTAL	71	-	1	-	-	1	2	5	2	4	6	50	-
880	ON OR FROM STAIRS	12	-	-	-	-	-	-	1	-	2	4	5	-
881	ON OR FROM LADDER	2	-	-	-	-	-	-	1	-	1	-	-	-
882	FROM OR OUT OF BUILDING	3	-	-	-	-	-	1	1	1	-	-	-	-
883	INTO OPENING IN SURFACE	-	-	-	-	-	-	-	-	-	-	-	-	-
884	ONE LEVEL TO ANOTHER	12	-	1	-	-	1	1	1	1	1	-	6	-
885-886	SAME LEVEL	2	-	-	-	-	-	-	-	-	-	-	2	-
887-888	FRACTURE OR FALL, UNSPECIFIED	40	-	-	-	-	-	-	1	-	-	2	37	-
890-899	FIRE AND FLAMES, TOTAL	13	-	1	-	-	-	-	4	2	1	-	5	-
923	EXPLOSIONS, TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
922	INJURY BY FIREARMS, TOTAL	7	-	-	-	1	1	1	3	-	1	-	-	-
910	DROWNING, TOTAL	41	2	6	11	-	6	4	9	2	-	-	1	-
916	STRUCK BY FALLING OBJECT, TOTAL	6	-	-	-	-	-	-	1	4	-	1	-	-
919	MACHINERY, TOTAL	11	-	-	-	-	-	3	1	3	1	3	-	-
870-879,900-909 911-915,917-918 920-921,924-949	OTHER ACCIDENTS, TOTAL	50	2	2	-	1	1	4	6	4	8	4	18	-
		PERCENT OF DEATHS FROM CAUSES												
	ACCIDENTAL DEATHS, TOTAL	9.0	3.8	58.3	86.4	66.7	76.0	62.4	53.8	26.9	12.8	4.5	2.4	0.0
810-825	MOTOR VEHICLE, TOTAL	5.2	0.8	12.5	31.8	59.3	60.0	48.1	35.5	16.7	7.1	2.0	0.7	0.0
800-807,826-949	OTHER ACCIDENTS, TOTAL	3.8	3.0	45.8	54.5	7.4	16.0	14.3	18.4	10.3	5.8	2.5	1.7	0.0

TABLE 12

RESIDENT DEATHS FROM SELECTED CAUSES BY COUNTY
MONTANA, 1981

COUNTY	NINTH REVISION, INTERNATIONAL LIST NUMBER														
	TOTAL, ALL CAUSES	800-949 ACCIDENTS	540-543 APPENDICITIS	430-438 CEREBROVASCULAR DISEASE	140-208 CANCER	250 DIABETES	390-398 402,404 410-429 HEART DISEASE	487 INFLUENZA	320-322 MENINGITIS	580-589 NEPHRITIS	480-486 PNEUMONIA	045,138 POLIOMYELITIS	090-097 SYPHILIS	010-018,137 TUBERCULOSIS	ALL OTHER CAUSES
MONTANA, TOTAL	6,709	553	-	549	1,343	95	2,279	10	8	70	171	-	1	7	1,623
BEAVERHEAD	86	6	-	9	14	-	30	-	-	-	-	-	-	-	27
BIG HORN	120	14	-	6	22	3	35	-	1	2	2	-	-	-	35
BLAINE	71	9	-	8	11	-	22	1	-	-	5	-	-	-	15
BROADWATER	25	1	-	3	3	-	10	-	-	2	1	-	-	-	5
CARBON	102	7	-	14	21	3	27	-	-	1	6	-	-	-	23
CARTER	17	-	-	4	1	-	6	-	-	-	2	-	-	-	4
CASCADE	625	45	-	38	122	5	262	-	-	3	12	-	-	-	138
CHOUTEAU	67	7	-	5	11	1	24	-	-	-	1	-	-	-	18
CUSTER	147	14	-	15	30	2	54	1	-	-	4	-	-	-	27
DANIELS	33	4	-	3	5	-	11	-	-	1	-	-	-	-	9
DAWSON	80	10	-	7	19	1	28	-	-	-	1	-	-	-	14
DEER LODGE	160	4	-	15	29	-	64	-	-	4	5	-	-	-	39
FALLON	41	4	-	4	9	-	13	-	-	-	3	-	-	-	8
FERGUS	152	5	-	15	37	3	40	1	-	-	5	-	-	-	46
FLATHEAD	394	32	-	36	86	7	128	1	-	3	11	-	-	1	89
GALLATIN	245	13	-	24	60	2	78	1	-	2	5	-	-	-	60
GARFIELD	9	-	-	3	2	-	2	-	-	-	2	-	-	-	-
GLACIER	99	8	-	5	23	2	25	-	-	2	2	-	-	1	31
GOLDEN VALLEY	7	1	-	1	1	-	2	-	-	-	-	-	-	-	2
GRANITE	41	1	-	2	10	1	14	-	-	-	-	-	-	1	12
HILL	144	19	-	5	29	2	47	-	-	-	7	-	-	-	35
JEFFERSON	59	2	-	6	9	2	11	-	-	1	5	-	-	-	23
JUDITH BASIN	23	2	-	3	4	-	7	-	-	-	1	-	-	-	6
LAKE	179	28	-	12	34	5	68	-	-	-	3	-	-	-	29
LEWIS & CLARK	335	28	-	21	76	7	108	-	-	6	5	-	-	1	83
LIBERTY	20	1	-	1	4	1	9	-	-	-	-	-	-	-	4
LINCOLN	114	15	-	9	21	2	36	-	-	-	2	-	-	-	29
MCCONE	22	2	-	4	6	-	5	-	-	-	-	-	-	-	5
MADISON	75	11	-	8	8	1	22	-	-	1	1	-	-	-	23
MEAGHER	23	2	-	1	4	-	8	-	-	1	-	-	-	-	7
MINERAL	24	1	-	4	7	-	7	-	-	-	-	-	-	-	5
MISSOULA	486	46	-	42	88	9	155	1	2	9	14	-	-	1	119
MUSSELSHELL	53	7	-	5	9	-	16	-	-	1	1	-	-	-	14
PARK	125	2	-	12	23	1	50	-	1	-	5	-	-	-	31
PETROLEUM	5	1	-	1	-	-	1	-	-	-	-	-	-	-	2
PHILLIPS	58	6	-	4	11	1	25	1	-	-	-	-	-	-	10
PONDERA	73	6	-	7	19	3	20	-	-	1	1	-	-	-	16
POWDER RIVER	18	-	-	1	8	-	5	-	-	-	1	-	-	-	3
POWELL	79	1	-	4	16	2	33	1	-	-	1	-	-	-	21
PRAIRIE	18	1	-	1	3	1	7	-	-	-	-	-	-	-	5
RAVALLI	203	16	-	16	40	1	81	-	1	3	6	-	-	-	39
RICHLAND	101	13	-	5	26	1	29	-	-	1	2	-	-	-	24
ROOSEVELT	127	22	-	8	22	2	29	-	-	-	3	-	-	-	41
ROSEBUD	73	10	-	7	11	1	19	-	-	2	-	-	-	1	22
SANDERS	83	12	-	8	13	-	28	-	-	-	-	-	-	-	22
SHERIDAN	50	2	-	5	8	-	19	-	1	1	4	-	-	-	10
SILVER BOW	466	28	-	36	88	5	177	-	-	7	16	-	-	1	108
STILLWATER	73	7	-	8	17	2	23	1	1	-	-	-	-	-	14
SWEET GRASS	32	1	-	7	3	-	9	-	-	-	-	-	-	-	12
TETON	63	6	-	4	14	3	20	-	-	1	-	-	-	-	15
TOOLE	50	4	-	1	7	1	21	-	-	1	6	-	-	-	9
TREASURE	9	-	-	1	-	1	2	-	-	-	1	-	-	-	4
VALLEY	87	12	-	3	21	-	18	1	-	4	1	-	-	-	27
WHEATLAND	34	1	-	4	11	1	10	-	-	-	-	-	-	-	7
WIBAUX	16	2	-	-	4	-	6	-	-	-	2	-	-	-	2
YELLOWSTONE	788	51	-	68	163	10	273	-	1	10	16	-	1	-	195

TABLE 13

INFANT MORTALITY BY RACE AND AGE GROUP AND FIVE-YEAR INFANT MORTALITY RATES

MONTANA COUNTIES, 1981
BY PLACE OF RESIDENCE

COUNTY	TOTAL UNDER 1 YEAR			UNDER 28 DAYS			1-11 MONTHS			INFANT MORTALITY RATE* 1977-1981
	TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER	
MONTANA, TOTAL	153	127	26	90	82	8	63	45	18	11.8
BEAVERHEAD	3	3	-	1	1	-	2	2	-	14.9
BIG HORN	3	1	2	2	1	1	1	-	1	16.9
BLAINE	1	-	1	-	-	-	1	-	1	14.7
BROADWATER	-	-	-	-	-	-	-	-	-	15.5
CARBON	2	2	-	1	1	-	1	1	-	13.8
CARTER	-	-	-	-	-	-	-	-	-	8.7
CASCADE	20	12	8	6	4	2	14	8	6	13.1
CHOUTEAU	1	1	-	1	1	-	-	-	-	13.5
CUSTER	1	1	-	-	-	-	1	1	-	8.9
DANIELS	1	1	-	-	-	-	1	1	-	8.3
DAWSON	3	2	1	2	1	1	1	1	-	10.6
DEER LODGE	-	-	-	-	-	-	-	-	-	10.2
FALLON	3	3	-	3	3	-	-	-	-	13.4
FERGUS	3	3	-	3	3	-	-	-	-	10.3
FLATHEAD	11	11	-	8	8	-	3	3	-	13.0
GALLATIN	4	4	-	3	3	-	1	1	-	8.4
GARFIELD	-	-	-	-	-	-	-	-	-	0.0
GLACIER	5	3	2	2	1	1	3	2	1	19.6
GOLDEN VALLEY	-	-	-	-	-	-	-	-	-	13.3
GRANITE	1	1	-	1	1	-	-	-	-	14.3
HILL	3	-	3	-	-	-	3	-	3	8.4
JEFFERSON	3	3	-	2	2	-	1	1	-	20.1
JUDITH BASIN	-	-	-	-	-	-	-	-	-	0.0
LAKE	1	1	-	1	1	-	-	-	-	10.9
LEWIS & CLARK	4	3	1	2	2	-	2	1	1	7.1
LIBERTY	1	1	-	1	1	-	-	-	-	4.0
LINCOLN	3	3	-	2	2	-	1	1	-	8.7
MCCONE	1	1	-	1	1	-	-	-	-	15.2
MADISON	1	1	-	1	1	-	-	-	-	7.1
MEAGHER	-	-	-	-	-	-	-	-	-	11.7
MINERAL	-	-	-	-	-	-	-	-	-	5.4
MISSOULA	12	12	-	7	7	-	5	5	-	10.9
MUSSELSHELL	1	1	-	1	1	-	-	-	-	10.4
PARK	2	2	-	2	2	-	-	-	-	7.9
PETROLEUM	-	-	-	-	-	-	-	-	-	0.0
PHILLIPS	2	2	-	2	2	-	-	-	-	15.8
PONDERA	1	-	1	1	-	1	-	-	-	15.9
POWDER RIVER	-	-	-	-	-	-	-	-	-	8.3
POWELL	1	1	-	1	1	-	-	-	-	7.3
PRAIRIE	-	-	-	-	-	-	-	-	-	0.0
RAVALLI	3	3	-	-	-	-	3	3	-	11.7
RICHLAND	5	4	1	4	4	-	1	-	1	15.3
ROOSEVELT	2	-	2	1	-	1	1	-	1	14.7
ROSEBUD	3	1	2	1	-	1	2	1	1	17.8
SANDERS	3	3	-	1	1	-	2	2	-	11.9
SHERIDAN	3	3	-	-	-	-	3	3	-	14.5
SILVER BOW	12	11	1	10	10	-	2	1	1	15.5
STILLWATER	1	1	-	1	1	-	-	-	-	9.4
SWEET GRASS	-	-	-	-	-	-	-	-	-	8.0
TETON	1	1	-	-	-	-	1	1	-	13.4
TOOLE	-	-	-	-	-	-	-	-	-	5.8
TREASURE	-	-	-	-	-	-	-	-	-	12.7
VALLEY	1	-	1	-	-	-	1	-	1	12.0
WHEATLAND	-	-	-	-	-	-	-	-	-	22.0
WIBAUX	-	-	-	-	-	-	-	-	-	15.4
YELLOWSTONE	21	21	-	15	15	-	6	6	-	11.4

* NUMBER OF DEATHS UNDER ONE YEAR OF AGE PER 1,000 LIVE BIRTHS.

TABLE 14

INFANT MORTALITY FROM SELECTED CAUSES BY AGE GROUP

MONTANA, 1981

EXCLUSIVE OF FETAL DEATHS, BY PLACE OF RESIDENCE

NINTH REVISION INTERNATIONAL LIST NUMBER	CAUSE OF DEATH	TOTAL UNDER 1 YEAR			UNDER 28 DAYS			1-11 MONTHS		
		TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER
	TOTAL, ALL CAUSES.	153	127	26	90	82	8	63	45	18
	PRENATAL AND NATAL CAUSES, TOTAL .	97	87	10	86	78	8	11	9	2
740-759	CONGENITAL ANOMALIES	23	21	2	14	13	1	9	8	1
760-761, 763-764	MATERNAL CONDITIONS OF PREGNANCY AND CHILDBIRTH. . . .	7	6	1	7	6	1	-	-	-
762	COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES.	6	6	-	6	6	-	-	-	-
765	IMMATURITY	6	6	-	6	6	-	-	-	-
767	BIRTH TRAUMA	2	1	1	2	1	1	-	-	-
768	HYPOXIA AND BIRTH ASPHYXIA . . .	7	4	3	6	4	2	1	-	1
769	RESPIRATORY DISTRESS SYNDROME. .	13	13	-	12	12	-	1	1	-
771	INFECTIONS SPECIFIC TO PERINATAL PERIOD.	7	5	2	7	5	2	-	-	-
772	FETAL AND NEONATAL HEMORRHAGE. .	2	2	-	2	2	-	-	-	-
766,770	OTHER CONDITIONS ORIGINATING									
773-779	IN THE PERINATAL PERIOD	24	23	1	24	23	1	-	-	-
7980	SUDDEN INFANT DEATH SYNDROME, TOTAL	37	25	12	1	1	-	36	24	12
	INFECTIONS, TOTAL.	3	2	1	-	-	-	3	2	1
008-009,535, 555-558	CERTAIN GASTROINTESTINAL DISEASES.	-	-	-	-	-	-	-	-	-
480-487	PNEUMONIA AND INFLUENZA.	3	2	1	-	-	-	3	2	1
	VIOLENT AND ACCIDENTAL DEATHS, TOTAL	5	4	1	-	-	-	5	4	1
810-825	MOTOR VEHICAL ACCIDENTS.	-	-	-	-	-	-	-	-	-
911-913	SUFFOCATION.	2	2	-	-	-	-	2	2	-
800-807,826-910 914-949,960-969 980-989	OTHER VIOLENT AND ACCIDENTAL DEATHS	3	2	1	-	-	-	3	2	1
	ALL OTHER CAUSES	11	9	2	3	3	-	8	6	2

TABLE 15

COMMUNICABLE DISEASE HISTORICAL MORTALITY STATISTICS

MONTANA, 1910-1981

YEAR	BOTULISM(1)		DIPHTHERIA		INFLUENZA		MEASLES		MENINGOCOCCAL INFECTION	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
1910	-	0.0	61	16.2	24	6.4	16	4.3	1	0.3
1915	5	1.1	21	4.5	41	8.8	7	1.5	7	1.5
1920	4	0.7	32	5.8	304	55.4	27	4.9	15	2.7
1925	6	1.1	34	6.3	109	20.1	5	0.9	5	0.9
1930	7	1.3	4	0.7	102	19.0	12	2.2	22	4.1
1931	4	0.7	7	1.3	152	28.1	3	0.6	13	2.4
1932	3	0.6	2	0.4	190	35.0	12	2.2	5	0.9
1933	9	1.7	17	3.1	173	31.8	15	2.8	3	0.6
1934	3	0.5	10	1.8	122	22.3	30	5.5	7	1.3
1935	3	0.5	14	2.5	173	31.5	49	8.9	15	2.7
1936	2	0.4	10	1.8	101	18.3	3	0.5	23	4.2
1937	5	0.9	10	1.8	244	44.1	2	0.4	7	1.3
1938	2	0.4	9	1.6	81	14.6	12	2.2	9	1.6
1939	3	0.5	3	0.5	99	17.7	16	2.9	4	0.7
1940	2	0.4	6	1.1	77	13.8	5	0.9	6	1.1
1941	2	0.4	13	2.5	90	17.0	1	0.2	5	0.9
1942	2	0.4	5	1.0	26	5.2	-	0.0	7	1.4
1943	1	0.2	5	1.1	58	12.3	6	1.3	5	1.1
1944	1	0.2	6	1.2	50	10.3	13	2.7	3	0.6
1945	1	0.2	4	0.8	47	9.3	1	0.2	3	0.6
1946	1	0.2	5	1.0	25	4.8	3	0.6	3	0.6
1947	1	0.2	2	0.4	33	6.1	13	2.4	3	0.6
1948	3	0.5	3	0.5	13	2.3	12	2.2	1	0.2
1949	2	0.3	3	0.5	13	2.3	3	0.5	3	0.5
1950	-	0.0	2	0.3	23	3.9	-	0.0	1	0.2
1951	2	0.3	-	0.0	30	5.0	9	1.5	5	0.8
1952	-	0.0	1	0.2	22	3.7	4	0.7	4	0.7
1953	-	0.0	3	0.5	59	9.6	4	0.6	2	0.3
1954	-	0.0	3	0.5	6	1.0	5	0.8	6	1.0
1955	-	0.0	1	0.2	12	1.9	4	0.6	5	0.8
1956	-	0.0	1	0.2	4	0.6	1	0.2	7	1.1
1957	-	0.0	1	0.1	25	3.7	3	0.4	3	0.4
1958	-	0.0	-	0.0	14	2.1	2	0.3	4	0.6
1959	-	0.0	-	0.0	15	2.2	5	0.7	3	0.4
1960	-	0.0	-	0.0	37	5.5	1	0.1	3	0.4
1961	-	0.0	-	0.0	8	1.2	1	0.1	1	0.1
1962	-	0.0	-	0.0	12	1.7	-	0.0	4	0.6
1963	-	0.0	-	0.0	31	4.4	-	0.0	3	0.4
1964	1	0.1	-	0.0	29	4.1	2	0.3	2	0.3
1965	-	0.0	-	0.0	5	0.7	-	0.0	3	0.4
1966	1	0.1	-	0.0	49	7.0	-	0.0	2	0.3
1967	-	0.0	-	0.0	3	0.4	-	0.0	2	0.3
1968	-	0.0	-	0.0	30	4.3	-	0.0	2	0.3
1969	-	0.0	-	0.0	38	5.5	2	0.3	2	0.3
1970	-	0.0	2	0.3	8	1.2	-	0.0	1	0.1
1971	-	0.0	-	0.0	9	1.3	2	0.3	2	0.3
1972	-	0.0	-	0.0	15	2.1	-	0.0	2	0.3
1973	-	0.0	-	0.0	43	6.0	-	0.0	2	0.3
1974	-	0.0	-	0.0	11	1.5	-	0.0	1	0.1
1975	-	0.0	-	0.0	17	2.3	-	0.0	-	0.0
1976	-	0.0	-	0.0	95	12.6	-	0.0	-	0.0
1977	-	0.0	-	0.0	9	1.2	-	0.0	2	0.3
1978	-	0.0	-	0.0	19	2.4	-	0.0	2	0.3
1979	-	0.0	-	0.0	4	0.5	-	0.0	4	0.5
1980	-	0.0	-	0.0	24	3.1	-	0.0	-	0.0
1981	1	0.1	-	0.0	10	1.3	-	0.0	1	0.1

(1) PRIOR TO 1949 THE INTERNATIONAL CLASSIFICATION OF DISEASES DID NOT PERMIT IDENTIFICATION OF BOTULISM AS SUCH. THE MORE GENERAL RUBRIC OF 'FOOD POISONING' IS REPORTED. THE DEATHS SHOWN PRIOR TO 1968 INCLUDE THOSE ASSIGNED TO 'FOOD POISONING UNSPECIFIED'.

* DEATHS PER 100,000 ESTIMATED MIDYEAR POPULATION

DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. DATA SINCE 1946 ARE BY PLACE OF RESIDENCE.

TABLE 15, CONTINUED

COMMUNICABLE DISEASE HISTORICAL MORTALITY STATISTICS

MONTANA, 1910-1981, CONTINUED

YEAR	POLIOMYELITIS		ROCKY MOUNTAIN SPOTTED FEVER(2)		TUBERCULOSIS		TYPHOID FEVER		WHOOPING COUGH	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
1910	17	4.5	---	0.0	340	90.4	151	40.2	41	10.9
1915	1	0.2	8	1.7	530	113.2	57	12.2	36	7.7
1920	5	0.9	7	1.3	419	76.4	27	4.9	51	9.3
1925	6	1.1	11	2.0	396	73.0	24	4.4	63	11.6
1930	6	1.1	9	1.7	337	62.7	16	3.0	16	3.0
1931	15	2.8	7	1.3	329	60.9	12	2.2	46	8.5
1932	4	0.7	17	3.1	307	56.6	13	2.4	22	4.1
1933	2	0.4	18	3.3	282	51.8	14	2.6	15	2.8
1934	14	2.6	8	1.5	265	48.5	17	3.1	24	4.4
1935	1	0.2	21	3.8	257	46.8	12	2.2	22	4.0
1936	5	0.9	16	2.9	221	40.1	8	1.5	16	2.9
1937	6	1.1	4	0.7	241	43.5	11	2.0	14	2.5
1938	3	0.5	3	0.5	241	43.4	5	0.9	47	8.5
1939	1	0.2	5	0.9	248	44.5	1	0.2	16	2.9
1940	7	1.3	7	1.3	231	41.3	3	0.5	5	0.9
1941	9	1.7	19	3.6	214	40.4	2	0.4	6	1.1
1942	-	0.0	13	2.6	201	40.2	1	0.2	12	2.4
1943	10	2.1	9	1.9	206	43.8	4	0.9	18	3.8
1944	6	1.2	4	0.8	175	35.9	1	0.2	10	2.1
1945	10	2.0	1	0.2	171	33.9	2	0.4	2	0.4
1946	5	1.0	5	1.0	164	31.4	2	0.4	2	0.4
1947	4	0.7	1	0.2	152	28.2	1	0.2	6	1.1
1948	6	1.1	1	0.2	146	26.2	-	0.0	6	1.1
1949	13	2.3	-	0.0	109	19.0	1	0.2	2	0.3
1950	3	0.5	1	0.2	114	19.3	-	0.0	10	1.7
1951	6	1.0	-	0.0	85	14.3	1	0.2	1	0.2
1952	8	1.3	1	0.2	79	13.1	1	0.2	1	0.2
1953	14	2.3	-	0.0	77	12.5	-	0.0	4	0.6
1954	9	1.4	-	0.0	62	9.9	-	0.0	1	0.2
1955	8	1.3	-	0.0	50	7.9	-	0.0	1	0.2
1956	-	0.0	-	0.0	48	7.3	-	0.0	1	0.2
1957	2	0.3	-	0.0	68	10.2	-	0.0	2	0.3
1958	5	0.8	-	0.0	45	6.8	-	0.0	-	0.0
1959	2	0.3	-	0.0	37	5.5	-	0.0	-	0.0
1960	7	1.0	1	0.1	31	4.6	-	0.0	1	0.1
1961	1	0.1	-	0.0	24	3.5	1	0.1	-	0.0
1962	-	0.0	-	0.0	32	4.5	-	0.0	-	0.0
1963	-	0.0	-	0.0	27	3.8	-	0.0	-	0.0
1964	-	0.0	-	0.0	28	4.0	1	0.1	-	0.0
1965	-	0.0	-	0.0	22	3.1	-	0.0	-	0.0
1966	-	0.0	-	0.0	21	3.0	-	0.0	-	0.0
1967	-	0.0	-	0.0	17	2.4	-	0.0	-	0.0
1968	1	0.1	-	0.0	15	2.2	-	0.0	-	0.0
1969	-	0.0	-	0.0	16	2.3	-	0.0	-	0.0
1970	-	0.0	-	0.0	12	1.7	-	0.0	-	0.0
1971	1	0.1	-	0.0	10	1.4	-	0.0	1	0.1
1972	-	0.0	-	0.0	11	1.5	-	0.0	-	0.0
1973	-	0.0	-	0.0	13	1.8	-	0.0	-	0.0
1974	1	0.1	-	0.0	17	2.3	-	0.0	-	0.0
1975	1	0.1	1	0.1	13	1.7	-	0.0	-	0.0
1976	-	0.0	-	0.0	9	1.2	-	0.0	-	0.0
1977	-	0.0	-	0.0	4	0.5	-	0.0	-	0.0
1978	1	0.1	-	0.0	11	1.4	-	0.0	-	0.0
1979	-	0.0	-	0.0	5	0.6	-	0.0	-	0.0
1980	-	0.0	-	0.0	6	0.8	-	0.0	-	0.0
1981	-	0.0	-	0.0	7	0.9	-	0.0	-	0.0

(2) DEATHS FROM ROCKY MOUNTAIN SPOTTED FEVER FOR THE YEARS 1915-1920 ARE COURTESY OF ROBERT PHILLIPS, PH.D. (RETIRED), ROCKY MOUNTAIN LABORATORY, HAMILTON.

* DEATHS PER 100,000 ESTIMATED MIDYEAR POPULATION

DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. DATA SINCE 1946 ARE BY PLACE OF RESIDENCE.

TABLE 16

SELECTED CAUSE-SPECIFIC DEATH RATES

MONTANA, 1910-1981

YEAR	ACCIDENTS						ALCOHOLISM		CANCER	
	TOTAL		MOTOR VEHICLE		OTHER					
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
1910	514	136.7	5	1.3	509	135.4	56	14.9	157	41.7
1915	556	118.8	31	6.6	525	112.2	66	14.1	223	47.6
1920	473	86.3	45	8.2	428	78.1	10	1.8	282	51.4
1925	505	93.0	98	18.1	407	75.0	41	7.6	379	69.8
1930	498	92.6	106	19.7	392	72.9	69	12.8	424	78.9
1931	510	94.4	127	23.5	383	70.9	33	6.1	420	77.7
1932	442	81.5	98	18.1	344	63.4	15	2.8	513	94.6
1933	508	93.3	119	21.8	389	71.4	24	4.4	508	93.3
1934	576	105.3	209	28.2	367	67.1	20	3.7	477	87.2
1935	552	100.5	161	29.3	391	71.2	14	2.5	528	96.2
1936	660	119.7	174	31.6	486	88.2	25	4.5	567	102.9
1937	599	108.2	177	32.0	422	76.2	32	5.8	566	102.3
1938	587	105.6	143	25.7	444	79.9	27	4.9	557	100.2
1939	531	95.2	149	26.7	382	68.5	23	4.1	643	115.3
1940	539	96.3	154	27.5	385	68.8	41	7.3	640	114.4
1941	548	103.4	182	34.3	366	69.1	19	3.6	644	121.5
1942	468	93.6	105	21.0	363	72.6	16	3.2	643	128.6
1943	580	123.4	87	18.5	493	104.9	12	2.6	613	130.4
1944	494	101.4	106	21.8	388	79.6	7	1.4	681	139.7
1945	498	98.7	118	23.4	380	75.3	13	2.6	658	130.4
1946	517	99.1	166	31.8	351	67.3	15	2.9	662	126.8
1947	537	99.6	157	29.1	380	70.5	19	3.5	712	132.0
1948	575	103.3	165	29.6	410	73.7	14	2.5	724	130.1
1949	552	96.2	152	26.5	400	69.7	17	3.0	729	127.0
1950	545	92.2	190	32.1	355	60.1	14	2.4	733	124.0
1951	525	88.1	187	31.4	338	56.7	17	2.9	726	121.8
1952	564	93.7	235	39.0	329	54.7	13	2.2	798	132.6
1953	534	86.7	228	37.0	306	49.7	17	2.8	809	131.3
1954	531	85.1	219	35.1	312	50.0	19	3.0	871	139.6
1955	549	86.3	239	37.6	310	48.7	28	4.4	829	130.3
1956	574	87.5	265	40.4	309	47.1	22	3.4	931	141.9
1957	541	81.1	219	32.8	322	48.3	20	3.0	873	130.9
1958	497	74.6	206	30.9	291	43.7	18	2.7	838	125.8
1959	565	84.4	258	38.6	307	45.9	15	2.2	920	137.5
1960	510	75.6	226	33.5	284	42.1	13	1.9	958	142.0
1961	518	76.0	270	39.6	248	36.4	18	2.6	965	141.5
1962	550	77.6	232	32.7	318	44.9	19	2.7	911	128.5
1963	517	73.1	218	30.8	299	42.3	12	1.7	896	126.7
1964	648	91.9	250	35.5	398	56.5	13	1.8	986	139.9
1965	591	83.7	268	38.0	323	45.8	14	2.0	933	132.2
1966	560	79.8	265	37.7	295	42.0	24	3.4	969	138.0
1967	607	86.6	318	45.4	289	41.2	12	1.7	1,004	143.2
1968	535	77.2	262	37.8	273	39.4	29	4.2	1,080	155.8
1969	635	91.5	329	47.4	306	44.1	10	1.4	1,041	150.0
1970	571	82.2	290	41.8	281	40.5	25	3.6	1,059	152.5
1971	609	85.8	310	43.7	299	42.1	19	2.7	1,050	147.9
1972	635	88.3	360	50.1	275	38.2	17	2.4	1,122	156.1
1973	611	84.7	324	44.9	287	39.8	20	2.8	1,061	147.2
1974	559	76.1	272	37.0	287	39.0	14	1.9	1,130	153.7
1975	584	78.1	282	37.7	302	40.4	28	3.7	1,105	147.7
1976	579	76.9	291	38.6	288	38.2	23	3.1	1,191	158.2
1977	574	75.4	302	39.7	272	35.7	25	3.3	1,184	155.6
1978	558	71.1	276	35.2	282	35.9	23	2.9	1,233	157.1
1979	596	75.8	313	39.8	283	36.0	22	2.8	1,240	157.8
1980	570	72.5	311	39.5	259	32.9	25	3.2	1,291	164.1
1981	553	69.7	308	38.8	245	30.9	32	4.0	1,343	169.4

* DEATHS PER 100,000 ESTIMATED MIDYEAR POPULATION
DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. DATA SINCE 1946 ARE BY PLACE OF RESIDENCE.

TABLE 16, CONTINUED

SELECTED CAUSE-SPECIFIC DEATH RATES

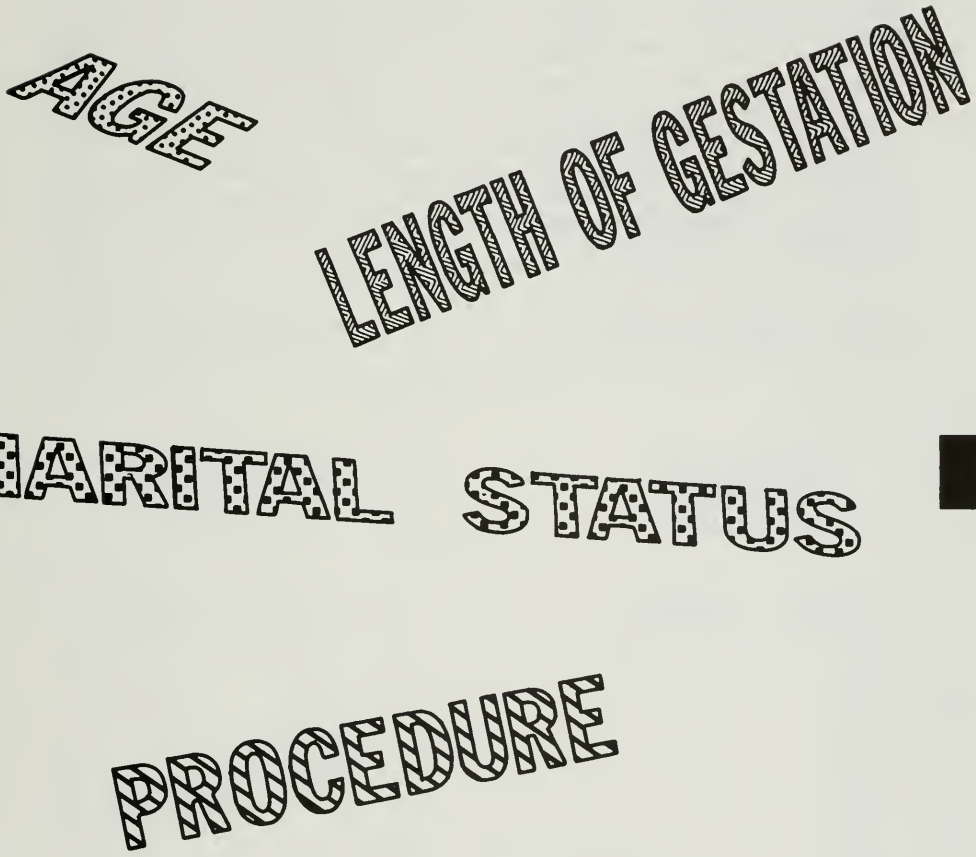
MONTANA, 1910-1981, CONTINUED

YEAR	DIABETES		HEART DISEASE		HOMICIDE		NEPHRITIS		PNEUMONIA		SUICIDE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
1910	38	10.1	257	68.3	37	9.8	222	59.0	282	75.0	81	21.5
1915	65	13.9	407	87.0	53	11.3	339	72.4	511	109.2	103	22.0
1920	60	10.9	428	78.1	46	8.4	273	49.8	576	105.0	86	15.7
1925	64	11.8	672	123.8	51	9.4	301	55.4	437	80.5	102	18.8
1930	87	16.2	759	141.2	57	10.6	395	73.5	425	79.1	136	25.3
1931	83	15.4	915	169.3	39	7.2	336	62.2	384	71.1	126	23.3
1932	87	16.0	1,065	196.3	45	8.3	348	64.1	348	64.1	125	23.0
1933	91	16.7	1,087	199.6	30	5.5	315	57.8	321	58.9	114	20.9
1934	119	21.8	1,117	204.2	39	7.1	350	64.0	416	76.1	104	19.0
1935	112	20.4	1,299	236.6	34	6.2	355	64.7	674	122.8	96	17.5
1936	125	22.7	1,248	226.4	26	4.7	347	62.9	631	114.5	102	18.5
1937	118	21.3	1,395	252.1	27	4.9	305	55.1	528	95.4	101	18.2
1938	118	21.2	1,308	235.4	26	4.7	314	56.5	355	63.9	103	18.5
1939	112	20.1	1,486	266.4	27	4.8	327	58.6	310	55.6	106	19.0
1940	109	19.5	1,447	258.6	29	5.2	295	52.7	321	57.4	120	21.4
1941	110	20.8	1,485	280.2	18	3.4	272	51.3	262	49.4	93	17.5
1942	108	21.6	1,577	315.4	17	3.4	284	56.8	235	47.0	98	19.6
1943	116	24.7	1,564	332.7	15	3.2	271	57.7	248	52.8	68	14.5
1944	126	25.9	1,660	340.7	13	2.7	292	59.9	250	51.3	53	10.9
1945	129	25.6	1,603	317.7	19	3.8	279	55.3	196	38.8	79	15.7
1946	137	26.3	1,629	312.1	22	4.2	276	52.9	235	45.0	98	18.8
1947	130	24.1	1,690	313.4	14	2.6	266	49.3	223	41.4	96	17.8
1948	118	21.2	1,803	324.0	15	2.7	247	44.4	189	34.0	88	15.8
1949	102	17.8	2,002	348.9	21	3.7	129	22.5	144	25.1	89	15.5
1950	49	8.3	1,957	331.1	24	4.1	80	13.5	157	26.6	123	20.8
1951	58	9.7	2,159	362.2	15	2.5	85	14.3	121	20.3	85	14.3
1952	83	13.8	2,032	337.5	17	2.8	120	19.9	147	24.4	84	14.0
1953	73	11.9	2,164	351.3	23	3.7	77	12.5	180	29.2	106	17.2
1954	95	15.2	2,128	341.0	29	4.6	90	14.4	179	28.7	104	16.7
1955	108	17.0	2,116	332.7	21	3.3	94	14.8	155	24.4	79	12.4
1956	98	14.9	2,165	330.0	32	4.9	83	12.7	211	32.2	98	14.9
1957	118	17.7	2,290	343.3	23	3.4	71	10.6	249	37.3	105	15.7
1958	109	16.4	2,244	336.9	17	2.6	53	8.0	260	39.0	101	15.2
1959	123	18.4	2,382	356.0	29	4.3	58	8.7	231	34.5	97	14.5
1960	102	15.1	2,332	345.6	25	3.7	51	7.6	227	33.6	107	15.9
1961	117	17.2	2,269	332.7	21	3.1	41	6.0	219	32.1	96	14.1
1962	121	17.1	2,204	310.9	21	3.0	63	8.9	195	27.5	110	15.5
1963	125	17.7	2,340	331.0	22	3.1	42	5.9	218	30.8	115	16.3
1964	139	19.7	2,368	335.9	30	4.3	45	6.4	226	32.1	80	11.3
1965	114	16.1	2,297	325.4	20	2.8	35	5.0	198	28.0	94	13.3
1966	106	15.1	2,415	344.0	23	3.3	42	6.0	230	32.8	96	13.7
1967	143	20.4	2,297	327.7	31	4.4	38	5.4	196	28.0	100	14.3
1968	119	17.2	2,223	320.8	25	3.6	20	2.9	213	30.7	97	14.0
1969	117	16.9	2,297	331.0	31	4.5	21	3.0	201	29.0	91	13.1
1970	111	16.0	2,229	321.0	30	4.3	26	3.7	213	30.7	79	11.4
1971	120	16.9	2,339	329.4	43	6.1	19	2.7	210	29.6	117	16.5
1972	135	18.8	2,294	319.1	32	4.5	17	2.4	220	30.6	87	12.1
1973	126	17.5	2,300	319.0	46	6.4	27	3.7	236	32.7	108	15.0
1974	103	14.0	2,202	299.6	44	6.0	20	2.7	192	26.1	122	16.6
1975	122	16.3	2,178	291.2	42	5.6	19	2.5	185	24.7	112	15.0
1976	100	13.3	2,178	289.2	38	5.0	17	2.3	207	27.5	129	17.1
1977	89	11.7	2,149	282.4	53	7.0	24	3.2	144	18.9	143	18.8
1978	114	14.5	2,169	276.3	40	5.1	20	2.5	199	25.4	122	15.5
1979	94	12.0	2,302	292.9	39	5.0	46	5.9	143	18.2	123	15.6
1980	103	13.1	2,332	296.4	40	5.1	43	5.5	169	21.5	116	14.7
1981	95	12.0	2,279	287.4	47	5.9	70	8.8	171	21.6	137	17.3

* DEATHS PER 100,000 ESTIMATED MIDYEAR POPULATION

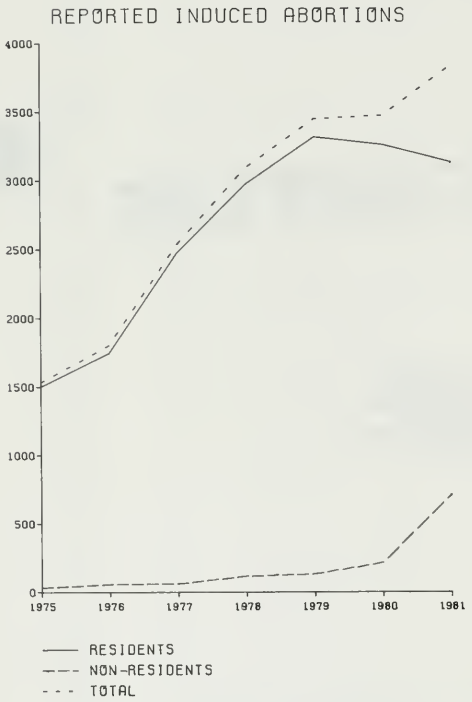
DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. DATA SINCE 1946 ARE BY PLACE OF RESIDENCE.

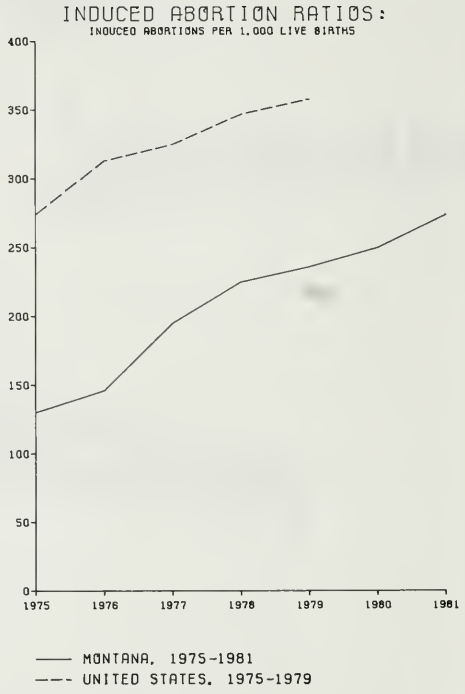
ABORTIONS


AGE
LENGTH OF GESTATION
MARITAL STATUS
PROCEDURE
COUNTY OF RESIDENCE

ABORTIONS

Induced abortions have been legal, reportable events in Montana since July 1, 1974. Each year there has been an increase in the number of reported induced abortions. The number of reported induced abortions for 1981 was 3,838, an increase of 367 over 1980. This increase is interesting when one looks at the county of residence of the woman. The number of Montana residents having abortions in Montana has declined the last two years. The number of out-of-state residents coming to Montana for abortions has accounted for the continuing total increase in numbers of abortions. In 1980, 50 Canadian residents came to Montana for induced abortions, while 438 came in 1981. For the same years, the number of Wyoming residents coming to Montana for abortions increased from 85 to 189.





In 1981 there were 13,999 live births in the state for a ratio of 274 abortions per 1,000 live births. The national abortion ratio has consistently been higher than Montana's since state statistics have been available for comparison. Some of this difference may be offset by the number of Montana women who travel out of state for abortions.

The composite woman having an abortion in Montana in 1981 was 23 years old, white, and single. This was her first abortion, and suction curettage terminated the pregnancy with no complications.

Gestation

Statistics on the gestational age of the fetus are gathered in two ways. The method most commonly used is computed from the date of last menses. This method works well except when the date is unknown, or the woman has irregular menses. Using this computed method some gestations are unrealistically long (e.g., date of last menses was two years ago when the woman had a child), or unknown. Another method to determine gestational age is based on the physician's evaluation of the fetus and is independent of the interval between the last normal menses and the abortion.

INDUCED ABORTIONS BY PHYSICIAN'S ESTIMATE OF GESTATION (WEEKS): MONTANA, 1981

Weeks of Gestation	Abortions
Total	3,838
8 or less	2,256
9	596
10	454
11	210
12	165
13	40
14	34
15	10
16	33
17	6
18	22
19	9
20	1
21+	2

INDUCED ABORTIONS BY COMPLETED WEEKS OF GESTATION*: MONTANA, 1981

Weeks of Gestation	Abortions
Total	3,838
8 or less	1,306
9	828
10	629
11	426
12	261
13	113
14	61
15	31
16	27
17	10
18	11
19	12
20	7
21+	10
Unknown	106

* Calculated from first day of last menstrual period.

Marital Status

Sixty-five percent of the women having abortions in 1981 were single (never married), twenty-two percent were married (including those women stating their status as "separated"), 9.4 percent were divorced, and less than one-half of one percent were widows. Those women refusing to reveal their marital status accounted for 3.5 percent.

Age

Since most abortions involve single (never married) women, it is not surprising that most abortions involve women who are in their late teens or twenties. Eighty-six percent of the reported legally-induced abortions in 1981 involved women between 15 and 29 years of age.

INDUCED ABORTIONS BY FIVE-YEAR AGE GROUPS AND MARITAL STATUS: MONTANA, 1981

		AGE GROUP							
Marital Statua	Total	15	15-19	20-24	25-29	30-34	35-39	40-44	45+
Total	3,838	18	1,050	1.427	819	359	123	35	7
Single	2,500	17	941	1,042	372	107	17	2	2
Married	738	-	50	198	250	140	67	28	5
Widowed	14	-	1	3	4	4	2	-	-
Divorced	360	-	9	103	142	74	29	3	-
Unknown	136	1	42	55	22	10	4	2	-
Separated	90	-	7	26	29	24	4	-	-

Reported induced abortions were for first abortions in 76 percent of the cases. As the length of time that abortions have been available in Montana increases, so does the number of repeat abortions.

NUMBER OF PREVIOUS INDUCED ABORTIONS BY AGE GROUP: Montana, 1981

		Previous Induced Abortions			
Age Group	Total	0	1	2	3+
Total	3,838	2,917	717	168	36
15	18	18	-	-	-
15-19	1,050	936	104	10	-
20-24	1,427	1,041	320	57	9
25-29	819	539	196	67	17
30-34	359	246	76	28	9
35-39	123	101	16	5	1
40-44	35	30	4	1	-
45+	7	6	1	-	-

While the numbers of abortions in 1981 increased by almost 2 1/2 times over the past eight years, it is interesting to note the number of reported abortions to females less than fifteen years of age has not increased, but has remained constant.

Year	Number
1975	21
1976	17
1977	19
1978	23
1979	19
1980	22
1981	18

Procedure

Suction curettage was the most used method of abortion. It was used in 97.8 percent of the reported abortions. Suction curettage was used almost exclusively in the first trimester. Prostaglandin induction was used most often in the period from 16-20 weeks.

INDUCED ABORTIONS BY TYPE OF PROCEDURE AND COMPLETED WEEK OF GESTATION: MONTANA, 1981

ABORTION PROCEDURE	Total	LENGTH OF GESTATION							
		9 OR LESS	10-11	12-13	14-15	16-17	18-19	20+	UNKN.
Total	3,838	2,134	1,055	374	92	37	23	17	106
SUCTION CURETTAGE	3,755	2,129	1,052	372	84	18	4	5	91
SHARP CURETTAGE	4	3	-	-	-	-	-	-	1
INTRA-UTERINE SALINE	1	-	-	-	-	-	-	1	-
INTRA-UTERINE PROSTAGLANDIN	45	-	2	1	2	11	14	7	8
HYSTEROTOMY	1	-	-	-	-	-	-	-	1
HYSTERECTOMY	3	-	1	-	-	-	-	-	2
OTHER	29	2	-	1	6	8	5	4	3

- QUANTITY IS ZERO

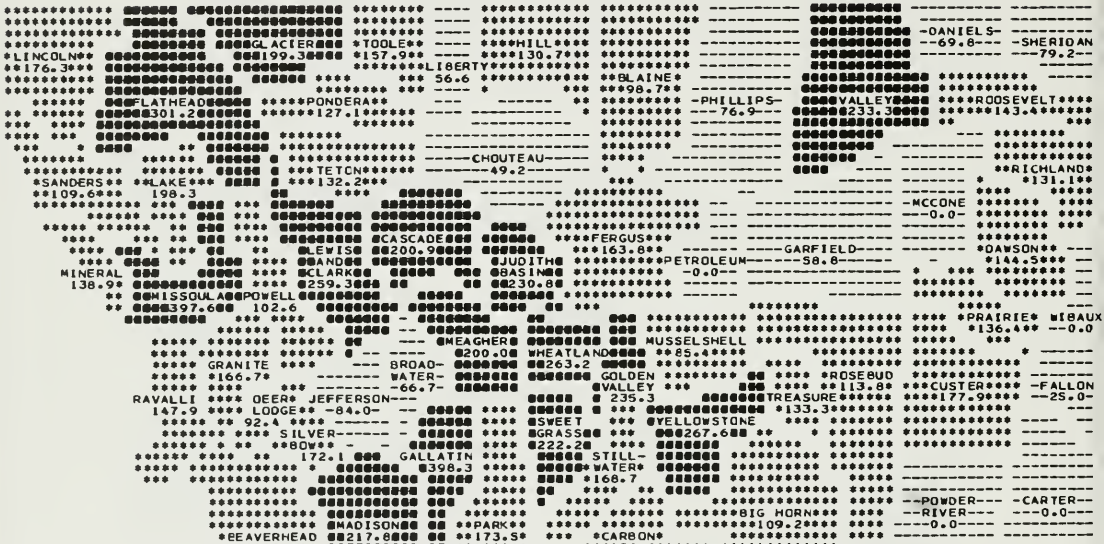
Complications

Complications were reported in 57 abortions, for a rate of 1.5 percent. Complications are difficult to report because they might occur some time after the procedure and the woman might go to another physician for medical attention. Some conditions are reported which complicate the abortion but probably were not caused by the abortion procedure. For example, gonorrhea may be reported.

No abortion-related deaths were reported for deaths occurring in Montana during 1981, either for legal or illegal abortions. No death has ever been reported in connection with legally-induced abortions performed in this state.

ABORTION RATIOS: MONTANA COUNTIES, 1981

(BY PLACE OF RESIDENCE)



NUMBER OF REPORTED INDUCED ABORTIONS PER 1,000 LIVE BIRTHS.
SOURCE: BUREAU OF RECORDS AND STATISTICS.

----	0.0 - 84.0	LOW QUARTILE
****	85.4 - 138.9	MEDIUM LOW QUARTILE
****	143.4 - 198.3	MEDIUM HIGH QUARTILE
####	199.3 - 398.3	HIGH QUARTILE

TABLE 17

Induced Abortions By Woman's Total Number of Previous Pregnancies: Montana, 1981

Total Past Pregnancies	Abortions
Total	3,838
Not Stated	1
0	1,934
1	905
2	532
3	266
4	115
5	48
6	25
7	3
8	4
9+	5

TABLE 18

Induced Abortions By Five-Year Age Groups: Montana, 1981

Woman's Age	Number
Total	3,838
Under 15	18
15-19	1,050
20-24	1,427
25-29	819
30-34	359
35-39	123
40-44	35
45+	7

TABLE 19

INDUCED ABORTIONS BY TYPE OF PROCEDURE AND COMPLETED WEEK OF GESTATION: MONTANA, 1981

ABORTION PROCEDURE	Total	LENGTH OF GESTATION							
		9 OR LESS	10-11	12-13	14-15	16-17	18-19	20+	UNKN.
Total	3,838	2,134	1,055	374	92	37	23	17	106
SUCTION CURETTAGE	3,755	2,129	1,052	372	84	18	4	5	91
SHARP CURETTAGE	4	3	-	-	-	-	-	-	1
INTRA-UTERINE SALINE	1	-	-	-	-	-	-	1	-
INTRA-UTERINE PROSTAGLANDIN	45	-	2	1	2	11	14	7	8
HYSTEROTOMY	1	-	-	-	-	-	-	-	1
HYSTERECTOMY	3	-	1	-	-	-	-	-	2
OTHER	29	2	-	1	6	8	5	4	3

- QUANTITY IS ZERO

MARRIAGE AND DIVORCE

MARRIAGES AND DIVORCES

Trend

There were 8,209 marriages performed in Montana in 1981, down 127 from 8,336 reported in 1980. The rate for 1981 was 10.4 compared with 10.6 for the previous year. Montana's marriage rates are about the same as those for the nation as a whole, which were 10.6 for both years. Montana's 1981 marriage rate, when compared to other individual states' rates, ranked 27th among the rates of the fifty states and the District of Columbia. In comparison to neighboring states Montana ranked fifth among the seven states (Idaho, Wyoming, South Dakota, Washington, Montana, North Dakota, and Oregon).

The term "divorce" is loosely used here to include all marital terminations. There were 5,004 terminations in Montana in 1981. These terminations include marital dissolutions (formerly called divorces) and invalid marriages (formerly called annulments). This number is up slightly from the 4,940 marital terminations reported in 1980. The marital termination rate for Montana historically has been higher than that for the nation and 1981 was no exception. The Montana rate was 6.3, compared with the national rate of 5.3. In 1981, Montana was among the upper one-third of the fifty states and the District of Columbia. This one-third consists predominately of the "Sun Belt" states and the states of the Pacific Northwest. In the Pacific Northwest, Washington, Oregon, Idaho, and Wyoming all have divorce rates higher than Montana.

Marriage and Divorce Rates

Meaningful marriage and divorce rates are difficult to determine. The most meaningful marriage rate would be one that compared the number of marriages to the number of single people in Montana's population, and the divorce rate should compare the number of marital terminations to the population of married people. Because such data are available only for years in which a federal census is taken, these population figures are only available in census years. As a substitute, marriage and divorce rates are calculated as the number of events per 1,000 total population.

Occurrence Versus Residence

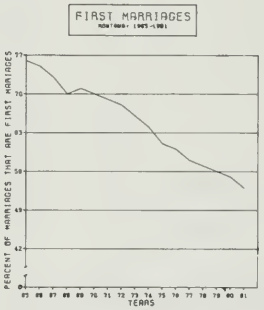
There is no general interstate exchange of marriage records so residence statistics cannot be compiled. The numbers reported indicate only that a marriage occurred in

Montana although neither of the parties may have been a resident. Because Montana has a higher marriage license fee and, in some instances, stricter requirements for marriage than surrounding states, it is probable more Montana residents leave the state to be married than the number of out-of-state residents coming to Montana to be married.

There is a limitation as to the usefulness of county data, especially concerning divorce. In 1981 there were more marriages terminated in Broadwater County than were performed there. This does not necessarily mean that married persons in Broadwater County have an unduly high risk of ending their marriage. It more probably reflects the fact that the district court which serves Broadwater County also serves Lewis and Clark County. It appears some divorces which normally would be filed in Lewis and Clark County are filed instead in Broadwater.

Marriage

First marriages are defined as those involving a first marriage for both the bride and the groom. As the incidence of divorce has increased, the proportion of marriages involving a person who has been married previously has been increasing. This is illustrated by considering first marriages as a percent of total marriages. The accompanying chart shows this information for 1965 through 1981. The proportion of first marriages has declined from over three out of four to slightly more than one out of two.

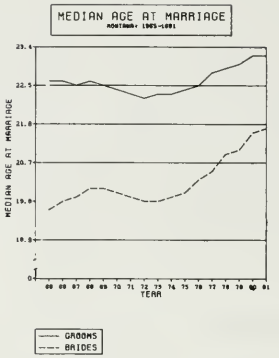


Brides and grooms tend to marry those with similar previous marital status. Most single brides marry single grooms. Most divorced brides marry divorced grooms.

Ages at Marriage and Divorce

The median age at first marriage continued to increase in 1981 for both brides and grooms. This increase began in the early 1970s and is now at a higher median age than at any time since these ages have been calculated. For brides this increase is substantial, 2.4 years; from 19.5 years in 1960 to 21.9 years in 1981. The change for grooms has been more moderate, 1.4 years. The median age at first marriage for grooms increased from 22.3 in 1960 to 23.7 in 1981.

The figure below displays the median age at marriage for brides and grooms by previous marital status. The median age for men divorced in Montana in 1981 was 32.7 while that for women was 29.7. The figure to the right shows the increase in the median age for brides and grooms from 1965 to the present, regardless of previous marital status.



Median Age at Marriage
(Montana, 1981)

	All Marriages	Previous Marital Status		
		Single	Widowed	Divorced
Grooms	26.1	23.7	61.6	33.6
Brides	23.7	21.9	53.5	30.3

Children Affected by Marital Termination

As a result of smaller families in recent years, the average number of children under 18 years of age affected per divorce has been declining since the mid-1960s. In 1964 there were 1.47 children affected per divorce, and this rate decreased to 1.00 in 1980 and remained the same in 1981.

Although the number of children per divorce has declined, the total number of children affected by Montana divorces has risen by 170 percent since 1955. In that year there were 1,862 children under 18 years of age affected by divorces as compared with 5,022 in 1981.

TABLE 20

MARRIAGES, MARITAL DISSOLUTIONS AND INVALID MARRIAGES

MONTANA COUNTIES, 1981

COUNTY	MARRIAGES		MARITAL TERMINATIONS	
	LICENSE ISSUED	SOLEMNIZED	MARITAL DISSOLUTIONS	INVALID MARRIAGES
MONTANA, TOTAL	8,209	8,209	4,922	82
BEAVERHEAD	96	93	62	3
BIG HORN	80	86	86	-
BLAINE	51	59	21	-
BROADWATER	26	27	41	-
CARBON	62	98	34	-
CARTER	15	20	1	-
CASCADE	859	876	592	7
CHOUTEAU	45	46	19	3
CUSTER	148	148	86	-
DANIELS	22	24	10	-
DAWSON	143	135	80	-
DEER LODGE	82	108	48	5
FALLON	51	47	15	-
FERGUS	153	161	66	3
FLATHEAD	591	628	405	6
GALLATIN	528	470	213	1
GARFIELD	12	8	5	-
GLACIER	101	95	62	1
GOLDEN VALLEY	6	4	-	-
GRANITE	28	33	8	-
HILL	207	184	120	2
JEFFERSON	40	50	33	-
JUDITH BASIN	19	23	11	-
LAKE	183	201	130	1
LEWIS & CLARK	489	493	336	6
LIBERTY	21	21	5	-
LINCOLN	161	166	111	5
MCCONE	21	20	2	-
MADISON	58	71	19	-
MEAGHER	18	21	11	1
MINERAL	29	30	7	-
MISSOULA	889	808	624	19
MUSSELSHELL	46	39	25	-
PARK	122	146	107	1
PETROLEUM	5	5	1	-
PHILLIPS	60	59	19	-
PONDERA	66	72	12	-
POWDER RIVER	17	18	12	-
POWELL	79	91	27	-
PRAIRIE	8	11	5	-
RAVALLI	194	203	138	-
RICHLAND	167	148	60	1
ROOSEVELT	101	106	83	-
ROSEBUD	99	90	46	-
SANDERS	70	81	28	-
SHERIDAN	70	64	25	-
SILVER BOW	351	333	136	5
STILLWATER	46	49	28	1
SWEET GRASS	26	28	10	-
TETON	67	78	15	-
TOOLE	67	77	24	1
TREASURE	9	7	4	-
VALLEY	99	112	52	-
WHEATLAND	19	17	7	-
WIBAUX	14	17	3	-
YELLOWSTONE	1,173	1,104	792	10

TABLE 21

MARRIAGE AND DIVORCE

MONTANA, 1944-1981

YEAR	MARRIAGES		DIVORCES AND ANNULMENTS	
	NUMBER	RATE*	NUMBER	RATE*
1944	6,433	11.2	1,745	3.1
1945	8,147	14.2	2,380	4.1
1946	12,974	22.4	3,212	5.6
1947	9,769	16.8	2,439	4.2
1948	7,131	12.2	2,090	3.6
1949	6,981	11.9	1,995	3.4
1950	7,235	12.2	1,951	3.3
1951	6,307	10.6	1,837	3.1
1952	6,410	10.6	1,989	3.3
1953	6,597	10.7	1,986	3.2
1954	6,575	10.5	1,966	3.2
1955	6,514	10.2	1,909	3.0
1956	6,770	10.3	1,985	3.0
1957	6,495	9.7	2,004	3.0
1958	6,142	9.2	2,023	3.0
1959	6,228	9.3	2,062	3.1
1960	5,883	8.7	2,003	3.0
1961	5,636	8.3	2,034	3.0
1962	5,051	7.1	1,932	2.7
1963	4,854	6.9	1,909	2.7
1964	4,556	6.5	1,981	2.8
1965	4,688	6.6	2,002	2.8
1966	4,914	7.0	2,087	3.0
1967	5,563	7.9	2,361	3.4
1968	6,250	9.0	2,592	3.7
1969	6,444	9.3	2,806	4.0
1970	6,919	10.0	3,051	4.4
1971	7,128	10.0	3,366	4.7
1972	7,674	10.7	3,609	5.0
1973	7,751	10.8	3,772	5.2
1974	7,741	10.5	3,940	5.4
1975	7,331	9.8	4,286	5.7
1976	7,390	9.8	4,850	6.4
1977	7,547	9.9	4,813	6.3
1978	8,136	10.4	4,877	6.2
1979	8,195	10.4	5,106	6.5
1980	8,336	10.6	4,940	6.3
1981	8,209	10.4	5,004	6.3

* PER 1,000 ESTIMATED POPULATION.

TABLE 22

MARRIAGES BY MONTH OF OCCURRENCE

MONTANA, 1981

MONTH	NUMBER	PERCENT	MONTH	NUMBER	PERCENT
MONTANA, TOTAL	8,209	100.0	JUNE	1,117	13.6
			JULY	820	10.0
JANUARY	403	4.9	AUGUST	1,094	13.3
FEBRUARY	503	6.1	SEPTEMBER	783	9.5
MARCH	480	5.8	OCTOBER	652	7.9
APRIL	516	6.3	NOVEMBER	562	6.8
MAY	679	8.3	DECEMBER	600	7.3

TABLE 23

MARRIAGES BY AGE AND PREVIOUS MARITAL STATUS OF BRIDE AND GROOM

MONTANA, 1981

AGE	BRIDE					GROOM				
	TOTAL	PREVIOUS MARITAL STATUS				TOTAL	PREVIOUS MARITAL STATUS			
		SINGLE	WIDOWED	DIVORCED	NOT STATED		SINGLE	WIDOWED	DIVORCED	NOT STATED
TOTAL	8,209	5,371	289	2,543	6	8,209	5,345	227	2,633	4
UNDER 15	-	-	-	-	-	-	-	-	-	-
15-19	1,692	1,666	-	25	1	589	586	-	3	-
20-24	3,227	2,731	10	485	1	3,052	2,835	2	215	-
25-29	1,513	770	20	722	1	2,008	1,378	8	621	1
30-34	762	159	23	578	2	1,050	385	7	657	1
35-39	356	25	27	304	-	541	85	4	452	-
40-44	252	14	19	219	-	322	25	10	287	-
45-49	119	1	20	98	-	212	21	14	177	-
50-54	106	3	36	67	-	154	15	24	115	-
55-59	51	-	27	23	1	96	8	31	55	2
60-64	55	-	43	12	-	72	2	41	29	-
65-69	40	-	39	1	-	55	4	38	13	-
70-74	26	-	19	7	-	32	-	27	5	-
75 AND OVER	7	-	6	1	-	24	-	21	3	-
NOT STATED	3	2	-	1	-	2	1	-	1	-

TABLE 24

FIRST MARRIAGES* BY AGE OF BRIDE BY AGE OF GROOM

MONTANA, 1981

AGE OF GROOM	AGE OF BRIDE											
	TOTAL ALL AGES	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55 AND OVER	NOT STATED
TOTAL, ALL AGES	4,373	-	1,522	2,213	523	91	13	8	-	1	-	2
UNDER 15	-	-	-	-	-	-	-	-	-	-	-	-
15-19	566	-	461	99	5	1	-	-	-	-	-	-
20-24	2,500	-	925	1,439	121	13	-	-	-	-	-	2
25-29	1,037	-	123	583	293	37	1	-	-	-	-	-
30-34	216	-	9	81	90	29	4	3	-	-	-	-
35-39	36	-	3	10	12	9	2	-	-	-	-	-
40-44	7	-	-	-	2	1	4	-	-	-	-	-
45-49	5	-	-	-	-	-	2	3	-	-	-	-
50-54	4	-	-	1	-	1	-	1	-	1	-	-
55 AND OVER	1	-	-	-	-	-	-	1	-	-	-	-
NOT STATED	1	-	1	-	-	-	-	-	-	-	-	-

* FIRST MARRIAGE FOR BOTH BRIDE AND GROOM

TABLE 25

MARRIAGES BY RACE OF BRIDE AND GROOM

MONTANA, 1981

GROOM	BRIDE							
	TOTAL	WHITE	NEGRO	INDIAN	CHINESE	JAPANESE	HAWAIIAN	OTHER
TOTAL	8,209	7,857	24	287	4	8	1	28
WHITE	7,846	7,707	-	109	4	8	1	17
NEGRO	45	19	23	2	-	-	-	1
INDIAN	289	114	1	174	-	-	-	-
CHINESE	3	3	-	-	-	-	-	-
JAPANESE	1	1	-	-	-	-	-	-
HAWAIIAN	3	3	-	-	-	-	-	-
OTHER	22	10	-	2	-	-	-	10

TABLE 26

MARITAL TERMINATIONS BY LEGAL GROUNDS FOR DECREE

MONTANA, 1981

TYPES OF MARITAL TERMINATION AND LEGAL GROUNDS.	NUMBER
MARITAL DISSOLUTIONS, TOTAL	4,922
IRRECONCILABLE DIFFERENCES	4,922
INVALID MARRIAGES, TOTAL	82
LACKED CAPACITY TO CONSENT	74
PROHIBITED MARRIAGE	6
LACKED PHYSICAL CAPACITY	2

TABLE 27

MARITAL TERMINATIONS* BY AGE OF HUSBAND AND BY AGE OF WIFE

MONTANA, 1981

AGE OF HUSBAND	AGE OF WIFE											
	TOTAL ALL AGES	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55 AND OVER	NOT STATED
TOTAL, ALL AGES	5,004	-	166	1,196	1,220	893	565	380	236	126	159	63
UNDER 15	-	-	-	-	-	-	-	-	-	-	-	-
15-19	31	-	23	7	1	-	-	-	-	-	-	-
20-24	731	-	107	535	76	10	1	-	-	-	-	2
25-29	1,171	-	22	478	553	91	16	6	-	-	-	5
30-34	1,044	-	9	118	421	423	51	11	3	1	1	6
35-39	675	-	1	37	117	246	230	30	8	1	1	4
40-44	500	-	-	12	27	90	178	146	32	7	4	4
45-49	308	-	1	2	14	17	52	113	85	15	7	2
50-54	224	-	-	-	7	8	23	47	74	41	23	1
55 AND OVER	266	-	1	-	2	5	12	24	34	60	121	7
NOT STATED	54	-	2	7	2	3	2	3	-	1	2	32

* INCLUDES BOTH MARITAL DISSOLUTIONS AND INVALID MARRIAGES

TABLE 28

MARITAL TERMINATIONS* BY NUMBER OF CHILDREN** BY AGE OF MOTHER

MONTANA, 1981

AGE OF MOTHER	NUMBER OF CHILDREN											
	TOTAL	NONE	1	2	3	4	5	6	7	8	9 OR MORE	NOT STATED
TOTAL	5,004	2,198	1,213	1,067	364	97	18	9	6	-	1	31
UNDER 15	-	-	-	-	-	-	-	-	-	-	-	-
15-19	166	84	69	11	-	-	-	-	-	-	-	2
20-24	1,196	548	403	204	35	2	1	-	-	-	-	3
25-29	1,220	471	269	344	100	21	4	2	-	-	-	9
30-34	893	285	193	267	111	29	5	1	-	-	-	2
35-39	565	192	110	136	79	31	6	3	5	-	1	2
40-44	380	181	82	71	28	10	2	3	1	-	-	2
45-49	236	160	42	21	8	3	-	-	-	-	-	2
50-54	126	94	25	7	-	-	-	-	-	-	-	-
55-59	74	69	5	-	-	-	-	-	-	-	-	-
60-64	41	39	2	-	-	-	-	-	-	-	-	-
65-69	23	23	-	-	-	-	-	-	-	-	-	-
70-74	14	14	-	-	-	-	-	-	-	-	-	-
75 AND OVER	7	7	-	-	-	-	-	-	-	-	-	-
NOT STATED	63	31	13	6	3	1	-	-	-	-	-	9

* INCLUDES BOTH MARITAL DISSOLUTIONS AND INVALID MARRIAGES

** NUMBER OF CHILDREN UNDER 18 YEARS OF AGE IN THIS FAMILY

COUNTY SUMMARIES

BIRTHS

RATES

FETAL AND INFANT MORTALITY

DEATHS

POPULATION

NATURAL INCREASE

LEADING CAUSES OF DEATH

63

DIVORCES

MARRIAGES

OUT-OF-WEDLOCK

COUNTY SUMMARIES

The following table shows summary data for the 56 Montana counties. State figures are shown in the left-hand column on each page for convenience in reference.

The ten leading causes of death shown in the table represent the experience of the entire state. An individual county may have other causes of death which should appear among the top ten. In addition, the rank order of causes for a given county may be different than that for the state.

Rates for live births and deaths are not shown by sex for years other than years in which a federal census is taken. The reason is that population estimates for intercensal years do not provide data by sex.

TABLE 29

SELECTED VITAL STATISTICS FOR 1981

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		BEAVERHEAD		BIG HORN		BLAINE		BROADWATER		CARBON		CARTER		CASCADE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION	793,000		8,200		11,400		7,000		3,200		8,300		1,700		79,800	
NATURAL INCREASE	7,600	9.6	51	6.2	173	15.2	81	11.6	20	6.2	15	1.8	11	6.5	888	11.1
LIVE BIRTHS, TOTAL	14,309	18.0	137	16.7	293	25.7	152	21.7	45	14.1	117	14.1	28	16.5	1,513	19.0
SEX-MALE	7,351	*	77	*	159	*	79	*	21	*	60	*	16	*	784	*
FEMALE	6,958	*	60	*	134	*	73	*	24	*	57	*	12	*	729	*
OUT-OF-WEDLOCK	1,902	132.9	8	58.4	111	378.8	54	355.3	6	133.3	10	85.5	3	107.1	232	153.3
DEATHS (EXCLUDING FETALS), TOTAL	6,709	8.5	86	10.5	120	10.5	71	10.1	25	7.8	102	12.3	17	10.0	625	7.8
SEX-MALE	3,732	*	51	*	60	*	43	*	18	*	54	*	12	*	348	*
FEMALE	2,977	*	35	*	60	*	28	*	7	*	48	*	5	*	277	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR)	153	10.7	3	21.9	3	10.2	1	6.6	-	0.0	2	17.1	-	0.0	20	13.2
NEONATAL (UNDER 28 DAYS)	90	6.3	1	7.3	2	6.8	-	0.0	-	0.0	1	8.5	-	0.0	6	4.0
POSTNEONATAL (28 DAYS-1 YEAR)	63	4.4	2	14.6	1	3.4	1	6.6	-	0.0	1	8.5	-	0.0	14	9.3
FETAL DEATHS	85	5.9	-	0.0	2	6.8	-	0.0	-	0.0	-	0.0	-	0.0	12	7.9
PERINATAL DEATHS	175	12.2	1	7.3	4	13.6	-	0.0	-	0.0	1	8.5	-	0.0	18	11.8
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,279	287.4	30	365.9	35	307.0	22	314.3	10	312.5	27	325.3	6	352.9	262	328.3
CANCER (2)	1,343	169.4	14	170.7	22	193.0	11	157.1	3	93.8	21	253.0	1	58.8	122	152.9
ACCIDENTS (2)	553	69.7	6	73.2	14	122.8	9	128.6	1	31.2	7	84.3	-	0.0	45	56.4
STROKE	549	69.2	9	109.8	6	52.6	8	114.3	3	93.8	14	168.7	4	235.3	38	47.6
CHR. OBST. PULMONARY DISEASES	299	37.7	1	12.2	2	17.5	5	71.4	-	0.0	6	72.3	-	0.0	21	26.3
PNEUMONIA AND INFLUENZA (2)	181	22.8	-	0.0	2	17.5	6	85.7	1	31.2	6	72.3	2	117.6	12	15.0
ARTERIOSCLEROSIS	156	19.7	1	12.2	3	26.3	1	14.3	-	0.0	2	24.1	-	0.0	19	23.8
SUICIDE	137	17.3	2	24.4	3	26.3	1	14.3	-	0.0	1	12.0	-	0.0	12	15.0
CHR. LIVER DIS. AND CIRRHOSIS	109	13.7	3	36.6	8	70.2	2	28.6	1	31.2	1	12.0	-	0.0	13	16.3
DIABETES (2)	95	12.0	-	0.0	3	26.3	-	0.0	-	0.0	3	36.1	-	0.0	5	6.3
OCCURRENCE																
LIVE BIRTHS, TOTAL	13,999	17.7	72	8.8	288	25.3	41	5.9	20	6.2	52	6.3	3	1.8	1,718	21.5
DEATHS (EXCLUDING FETALS), TOTAL	6,707	8.5	86	10.5	82	7.2	35	5.0	21	6.6	91	11.0	12	7.1	714	8.9
INFANT (UNDER 1 YEAR)	133	9.5	2	27.8	1	3.5	1	24.4	-	0.0	1	19.2	-	0.0	28	16.3
ACCIDENTAL	603	0.8	12	1.5	15	1.3	8	1.1	4	1.2	10	1.2	1	0.6	51	0.6
MOTOR VEHICLE	349	0.4	10	1.2	12	1.1	6	0.9	1	0.3	4	0.5	1	0.6	27	0.3
OTHER ACCIDENTAL	254	0.3	2	0.2	3	0.3	2	0.3	3	0.9	6	0.7	-	0.0	24	0.3
MARRIAGES	8,209	10.4	93	11.3	86	7.5	59	8.4	27	8.4	98	11.8	20	11.8	876	11.0
MARITAL TERMINATIONS	5,004	6.3	65	7.9	86	7.5	21	3.0	41	12.8	34	4.1	1	0.6	599	7.5

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 29

SELECTED VITAL STATISTICS FOR 1981

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		CHOUTEAU		CUSTER		DANIELS		DAWSON		DEER LODGE		FALLON		FERGUS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION	793,000		6,000		13,400		2,700		12,300		11,900		3,600		13,000	
NATURAL INCREASE	7,600	9.6	55	9.2	61	4.6	10	3.7	176	14.3	-41	-3.4	39	10.8	80	6.2
LIVE BIRTHS, TOTAL	14,309	18.0	122	20.3	208	15.5	43	15.9	256	20.8	119	10.0	80	22.2	232	17.8
SEX-MALE	7,351	*	56	*	106	*	25	*	128	*	60	*	31	*	119	*
FEMALE	6,958	*	66	*	102	*	18	*	128	*	59	*	49	*	113	*
OUT-OF-WEDLOCK	1,902	132.9	8	65.6	15	72.1	2	46.5	14	54.7	26	218.5	8	100.0	21	90.5
DEATHS (EXCLUDING FETALS), TOTAL	6,709	8.5	67	11.2	147	11.0	33	12.2	80	6.5	160	13.4	41	11.4	152	11.7
SEX-MALE	3,732	*	42	*	77	*	17	*	46	*	81	*	24	*	87	*
FEMALE	2,977	*	25	*	70	*	16	*	34	*	79	*	17	*	65	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR)	153	10.7	1	8.2	1	4.8	1	23.3	3	11.7	-	0.0	3	37.5	3	12.9
NEONATAL (UNDER 28 DAYS)	90	6.3	1	8.2	-	0.0	-	0.0	2	7.8	-	0.0	3	37.5	3	12.9
POSTNEONATAL (28 DAYS-1 YEAR)	63	4.4	-	0.0	1	4.8	1	23.3	1	3.9	-	0.0	-	0.0	-	0.0
FETAL DEATHS	85	5.9	-	0.0	-	0.0	-	0.0	1	3.9	2	16.8	-	0.0	2	8.6
PERINATAL DEATHS	175	12.2	1	8.2	-	0.0	-	0.0	3	11.7	2	16.5	3	37.5	5	21.4
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,279	287.4	24	400.0	54	403.0	11	407.4	28	227.6	64	537.8	13	361.1	40	307.7
CANCER (2)	1,343	169.4	11	183.3	30	223.9	5	185.2	19	154.5	29	243.7	9	250.0	37	284.6
ACCIDENTS (2)	553	69.7	7	116.7	14	104.5	4	148.1	10	81.3	4	33.6	4	111.1	5	38.5
STROKE	549	69.2	5	83.3	15	111.9	3	111.1	7	56.9	15	126.0	4	111.1	15	115.4
CHR. OBST. PULMONARY DISEASES	299	37.7	3	50.0	7	52.2	1	37.0	3	24.4	11	92.4	3	83.3	7	53.8
PNEUMONIA AND INFLUENZA (2)	181	22.8	1	16.7	5	37.3	-	0.0	1	8.1	5	42.0	3	83.3	6	46.2
ARTERIOSCLEROSIS	156	19.7	2	33.3	2	14.9	4	148.1	-	0.0	11	92.4	-	0.0	4	30.8
SUICIDE	137	17.3	2	33.3	2	14.9	-	0.0	-	0.0	1	8.4	-	0.0	3	23.1
CHR. LIVER DIS. AND CIRRHOSIS	109	13.7	1	16.7	1	7.5	-	0.0	-	0.0	3	25.2	-	0.0	2	15.4
DIABETES (2)	95	12.0	1	16.7	2	14.9	-	0.0	1	8.1	-	0.0	-	0.0	3	23.1
OCCURRENCE																
LIVE BIRTHS, TOTAL	13,999	17.7	18	3.0	417	31.1	33	12.2	271	22.0	68	5.7	47	13.1	264	20.3
DEATHS (EXCLUDING FETALS), TOTAL	6,707	8.5	40	6.7	208	15.5	29	10.7	62	5.0	136	11.4	25	6.9	149	11.5
INFANT (UNDER 1 YEAR)	133	9.5	-	0.0	1	2.4	1	30.3	1	3.7	-	0.0	-	0.0	1	3.8
ACCIDENTAL	603	0.8	6	1.0	14	1.0	3	1.1	11	0.9	2	0.2	2	0.6	5	0.4
MOTOR VEHICLE	349	0.4	3	0.5	8	0.6	1	0.4	9	0.7	1	0.1	1	0.3	3	0.2
OTHER ACCIDENTAL	254	0.3	3	0.5	6	0.4	2	0.7	2	0.2	1	0.1	1	0.3	2	0.2
MARRIAGES	8,209	10.4	46	7.7	148	11.0	24	8.9	135	11.0	108	9.1	47	13.1	161	12.4
MARITAL TERMINATIONS	5,004	6.3	22	3.7	86	6.4	10	3.7	80	6.5	53	4.5	15	4.2	69	5.3

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 29

SELECTED VITAL STATISTICS FOR 1981

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		FLATHEAD		GALLATIN		GARFIELD		GLACIER		GOLDEN VALLEY		GRANITE		HILL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION	793,000		51,900		43,300		1,600		10,900		1,100		2,800		18,000	
NATURAL INCREASE	7,600	9.6	519	10.0	443	10.2	25	15.6	172	15.8	10	9.1	13	4.6	208	11.6
LIVE BIRTHS, TOTAL	14,309	18.0	913	17.6	688	15.9	34	21.2	271	24.9	17	15.5	54	19.3	352	19.6
SEX-MALE	7,351	*	483	*	336	*	19	*	147	*	8	*	26	*	183	*
FEMALE	6,958	*	430	*	352	*	15	*	124	*	9	*	28	*	169	*
OUT-OF-WEDLOCK	1,902	132.9	85	93.1	43	62.5	2	58.8	128	472.3	1	58.8	7	129.6	60	170.5
DEATHS (EXCLUDING FETALS), TOTAL	6,709	8.5	394	7.6	245	5.7	9	5.6	99	9.1	7	6.4	41	14.6	144	8.0
SEX-MALE	3,732	*	223	*	134	*	5	*	51	*	4	*	25	*	81	*
FEMALE	2,977	*	171	*	111	*	4	*	48	*	3	*	16	*	63	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR)	153	10.7	11	12.0	4	5.8	-	0.0	5	18.4	-	0.0	1	18.5	3	8.5
NEONATAL (UNDER 28 DAYS)	90	6.3	8	8.8	3	4.4	-	0.0	2	7.4	-	0.0	1	18.5	-	0.0
POSTNEONATAL (28 DAYS-1 YEAR)	63	4.4	3	3.3	1	1.5	-	0.0	3	11.1	-	0.0	-	0.0	3	8.5
FETAL DEATHS	85	5.9	6	6.6	8	11.6	-	0.0	5	18.4	-	0.0	1	18.5	4	11.4
PERINATAL DEATHS	175	12.2	14	15.2	11	15.8	-	0.0	7	25.4	-	0.0	2	36.4	4	11.2
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,279	287.4	128	246.6	78	180.1	2	125.0	25	229.4	2	181.8	14	500.0	47	261.1
CANCER (2)	1,343	169.4	86	165.7	60	138.6	2	125.0	23	211.0	1	90.9	10	357.1	29	161.1
ACCIDENTS (2)	553	69.7	32	61.7	13	30.0	-	0.0	8	73.4	1	90.9	1	35.7	19	105.6
STROKE	549	69.2	36	69.4	24	55.4	3	187.5	5	45.9	1	90.9	2	71.4	5	27.8
CHR. OBST. PULMONARY DISEASES	299	37.7	22	42.4	14	32.3	-	0.0	2	18.3	-	0.0	1	35.7	9	50.0
PNEUMONIA AND INFLUENZA (2)	181	22.8	12	23.1	6	13.9	2	125.0	2	18.3	-	0.0	-	0.0	7	38.9
ARTERIOSCLEROSIS	156	19.7	11	21.2	8	18.5	-	0.0	2	18.3	-	0.0	1	35.7	-	0.0
SUICIDE	137	17.3	8	15.4	2	4.6	-	0.0	1	9.2	-	0.0	1	35.7	3	16.7
CHR. LIVER DIS. AND CIRRHOSIS	109	13.7	4	7.7	4	9.2	-	0.0	6	55.0	-	0.0	-	0.0	1	5.6
DIABETES (2)	95	12.0	7	13.5	2	4.6	-	0.0	2	18.3	-	0.0	1	35.7	2	11.1
OCCURRENCE																
LIVE BIRTHS, TOTAL	13,999	17.7	1,072	20.7	811	18.7	7	4.4	216	19.8	-	0.0	3	1.1	485	26.9
DEATHS (EXCLUDING FETALS), TOTAL	6,707	8.5	391	7.5	246	5.7	7	4.4	82	7.5	6	5.5	25	8.9	157	8.7
INFANT (UNDER 1 YEAR)	133	9.5	11	10.3	2	2.5	-	0.0	2	9.3	-	0.0	-	0.0	2	4.1
ACCIDENTAL	603	0.8	34	0.7	17	0.4	1	0.6	6	0.6	4	3.6	2	0.7	18	1.0
MOTOR VEHICLE	349	0.4	15	0.3	13	0.3	1	0.6	6	0.6	2	1.8	1	0.4	7	0.4
OTHER ACCIDENTAL	254	0.3	19	0.4	4	0.1	-	0.0	-	0.0	2	1.8	1	0.4	11	0.6
MARRIAGES	8,209	10.4	628	12.1	470	10.9	8	5.0	95	8.7	4	3.6	33	11.8	184	10.2
MARITAL TERMINATIONS	5,004	6.3	411	7.9	214	4.9	5	3.1	63	5.8	-	0.0	8	2.9	122	6.8

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.O. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 29

SELECTED VITAL STATISTICS FOR 1981

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		JEFFERSON		JUDITH BASIN		LAKE		LEWIS & CLARK		LIBERTY		LINCOLN		MCCONE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION.	793,000		7,200		2,800		19,300		44,000		2,400		17,600		2,600	
NATURAL INCREASE.	7,600	9.6	72	10.0	3	1.1	184	9.5	444	10.1	33	13.8	198	11.2	41	15.8
LIVE BIRTHS, TOTAL.	14,309	18.0	131	18.2	26	9.3	363	18.8	779	17.7	53	22.1	312	17.7	63	24.2
SEX-MALE.	7,351	*	67	*	14	*	188	*	412	*	29	*	161	*	32	*
FEMALE.	6,958	*	64	*	12	*	175	*	367	*	24	*	151	*	31	*
OUT-OF-WEDLOCK.	1,902	132.9	6	45.8	-	0.0	59	162.5	105	134.8	2	37.7	28	89.7	2	31.7
DEATHS (EXCLUDING FETALS), TOTAL.	6,709	8.5	59	8.2	23	8.2	179	9.3	335	7.6	20	8.3	114	6.5	22	8.5
SEX-MALE.	3,732	*	30	*	13	*	92	*	192	*	14	*	70	*	14	*
FEMALE.	2,977	*	29	*	10	*	87	*	143	*	6	*	44	*	8	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR). .	153	10.7	3	22.9	-	0.0	1	2.8	4	5.1	1	18.9	3	9.6	1	15.9
NEONATAL (UNDER 28 DAYS). . .	90	6.3	2	15.3	-	0.0	1	2.8	2	2.6	1	18.9	2	6.4	1	15.9
POSTNEONATAL (28 DAYS-1 YEAR)	63	4.4	1	7.6	-	0.0	-	0.0	2	2.6	-	0.0	1	3.2	-	0.0
FETAL DEATHS.	85	5.9	-	0.0	-	0.0	1	2.8	3	3.9	-	0.0	-	0.0	-	0.0
PERINATAL DEATHS.	175	12.2	2	15.3	-	0.0	2	5.5	5	6.4	1	18.9	2	6.4	1	15.9
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,279	287.4	11	152.8	7	250.0	68	352.3	108	245.5	9	375.0	36	204.5	5	192.3
CANCER (2).	1,343	169.4	9	125.0	4	142.9	34	176.2	76	172.7	4	166.7	21	119.3	6	230.8
ACCIDENTS (2)	553	69.7	2	27.8	2	71.4	28	145.1	28	63.6	1	41.7	15	85.2	2	76.9
STROKE.	549	69.2	6	83.3	3	107.1	12	62.2	21	47.7	1	41.7	9	51.1	4	153.8
CHR. OBST. PULMONARY DISEASES .	299	37.7	4	55.6	-	0.0	4	20.7	9	20.5	-	0.0	9	51.1	-	0.0
PNEUMONIA AND INFLUENZA (2) . .	181	22.8	5	69.4	1	35.7	3	15.5	5	11.4	-	0.0	2	11.4	-	0.0
ARTERIOSCLEROSIS.	156	19.7	2	27.8	-	0.0	1	5.2	6	13.6	-	0.0	3	17.0	1	38.5
SUICIDE	137	17.3	-	0.0	-	0.0	-	0.0	15	34.1	1	41.7	2	11.4	-	0.0
CHR. LIVER DIS. AND CIRRHOSIS .	109	13.7	-	0.0	-	0.0	3	15.5	3	6.8	1	41.7	-	0.0	-	0.0
DIABETES (2).	95	12.0	2	27.8	-	0.0	5	25.9	7	15.9	1	41.7	2	11.4	-	0.0
OCCURRENCE																
LIVE BIRTHS, TOTAL.	13,999	17.7	2	0.3	-	0.0	289	15.0	876	19.9	70	29.2	220	12.5	25	9.6
DEATHS (EXCLUDING FETALS), TOTAL.	6,707	8.5	41	5.7	8	2.9	158	8.2	356	8.1	27	11.2	93	5.3	28	10.8
INFANT (UNDER 1 YEAR)	133	9.5	1	500.0	-	0.0	1	3.5	3	3.4	-	0.0	-	0.0	1	40.0
ACCIDENTAL.	603	0.8	2	0.3	2	0.7	28	1.4	21	0.5	1	0.4	10	0.6	6	2.3
MOTOR VEHICLE	349	0.4	2	0.3	-	0.0	14	0.7	9	0.2	1	0.4	5	0.3	6	2.3
OTHER ACCIDENTAL.	254	0.3	-	0.0	2	0.7	14	0.7	12	0.3	-	0.0	5	0.3	-	0.0
MARRIAGES	8,209	10.4	50	6.9	23	8.2	201	10.4	493	11.2	21	8.8	166	9.4	20	7.7
MARITAL TERMINATIONS.	5,004	6.3	33	4.6	11	3.9	131	6.8	342	7.8	5	2.1	116	6.6	2	0.8

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

SELECTED VITAL STATISTICS FOR 1981

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		MADISON		MEAGHER		MINERAL		MISSOULA		MUSSELSHELL		PARK		PETROLEUM	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION	793,000		5,800		2,200		3,400		76,900		4,500		13,600		700	
NATURAL INCREASE	7,600	9.6	26	4.5	17	7.7	48	14.1	872	11.3	29	6.4	94	6.9	6	8.6
LIVE BIRTHS, TOTAL	14,309	18.0	101	17.4	40	18.2	72	21.2	1,358	17.7	82	18.2	219	16.1	11	15.7
SEX-MALE	7,351	*	55	*	20	*	36	*	721	*	41	*	119	*	5	*
FEMALE	6,958	*	46	*	20	*	36	*	637	*	41	*	100	*	6	*
OUT-OF-WEDLOCK	1,902	132.9	5	49.5	2	50.0	8	111.1	140	103.1	4	48.8	23	105.0	-	0.0
DEATHS (EXCLUDING FETALS), TOTAL	6,709	8.5	75	12.9	23	10.5	24	7.1	486	6.3	53	11.8	125	9.2	5	7.1
SEX-MALE	3,732	*	45	*	11	*	14	*	249	*	25	*	63	*	4	*
FEMALE	2,977	*	30	*	12	*	10	*	237	*	28	*	62	*	1	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR)	153	10.7	1	9.9	-	0.0	-	0.0	12	8.8	1	12.2	2	9.1	-	0.0
NEONATAL (UNDER 28 DAYS)	90	6.3	1	9.9	-	0.0	-	0.0	7	5.2	1	12.2	2	9.1	-	0.0
POSTNEONATAL (28 DAYS-1 YEAR)	63	4.4	-	0.0	-	0.0	-	0.0	5	3.7	-	0.0	-	0.0	-	0.0
FETAL DEATHS	85	5.9	-	0.0	2	50.0	-	0.0	7	5.2	1	12.2	2	9.1	-	0.0
PERINATAL DEATHS	175	12.2	1	9.9	2	47.6	-	0.0	14	10.3	2	24.1	4	18.1	-	0.0
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,279	287.4	22	379.3	8	363.6	7	205.9	155	201.6	16	355.6	50	367.6	1	142.9
CANCER (2)	1,343	169.4	8	137.9	4	181.8	7	205.9	88	114.4	9	200.0	23	169.1	-	0.0
ACCIDENTS (2)	553	69.7	11	189.7	2	90.9	1	29.4	46	59.8	7	155.6	2	14.7	1	142.9
STROKE	549	69.2	8	137.9	1	45.5	4	117.6	42	54.6	5	111.1	12	88.2	1	142.9
CHR. OBST. PULMONARY DISEASES	299	37.7	1	17.2	1	45.5	1	29.4	22	28.6	6	133.3	10	73.5	1	142.9
PNEUMONIA AND INFLUENZA (2)	181	22.8	1	17.2	-	0.0	-	0.0	15	19.5	1	22.2	5	36.8	-	0.0
ARTERIOSCLEROSIS	156	19.7	6	103.4	1	45.5	-	0.0	8	10.4	4	88.9	8	58.8	-	0.0
SUICIDE	137	17.3	3	51.7	1	45.5	1	29.4	14	18.2	-	0.0	2	14.7	-	0.0
CHR. LIVER DIS. AND CIRRHOSIS	109	13.7	1	17.2	-	0.0	-	0.0	5	6.5	-	0.0	1	7.4	-	0.0
DIABETES (2)	95	12.0	1	17.2	-	0.0	-	0.0	9	11.7	-	0.0	1	7.4	-	0.0
OCCURRENCE																
LIVE BIRTHS, TOTAL	13,999	17.7	75	12.9	17	7.7	47	13.8	1,665	21.7	39	8.7	159	11.7	-	0.0
DEATHS (EXCLUDING FETALS), TOTAL	6,707	8.5	65	11.2	24	10.9	18	5.3	614	8.0	36	8.0	116	8.5	4	5.7
INFANT (UNDER 1 YEAR)	133	9.5	1	13.3	-	0.0	-	0.0	16	9.6	-	0.0	2	12.6	-	0.0
ACCIDENTAL	603	0.8	9	1.6	5	2.3	1	0.3	52	0.7	2	0.4	5	0.4	2	2.9
MOTOR VEHICLE	349	0.4	5	0.9	4	1.8	1	0.3	32	0.4	1	0.2	3	0.2	2	2.9
OTHER ACCIDENTAL	254	0.3	4	0.7	1	0.5	-	0.0	20	0.3	1	0.2	2	0.1	-	0.0
MARRIAGES	8,209	10.4	71	12.2	21	9.5	30	8.8	808	10.5	39	8.7	146	10.7	5	7.1
MARITAL TERMINATIONS	5,004	6.3	19	3.3	12	5.5	7	2.1	643	8.4	25	5.6	108	7.9	1	1.4

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 29

SELECTED VITAL STATISTICS FOR 1981

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		PHILLIPS		PONDERA		POWDER RIVER		POWELL		PRAIRIE		RAVALLI		RICHLAND	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION.	793,000		5,400		6,700		2,400		6,800		1,900		23,400		13,500	
NATURAL INCREASE.	7,600	9.6	46	8.5	45	6.7	33	13.8	38	5.6	4	2.1	162	6.9	265	19.6
LIVE BIRTHS, TOTAL.	14,309	18.0	104	19.3	118	17.6	51	21.2	117	17.2	22	11.6	365	15.6	366	27.1
SEX-MALE.	7,351	*	55	*	62	*	23	*	55	*	12	*	159	*	163	*
FEMALE.	6,958	*	49	*	56	*	28	*	62	*	10	*	206	*	203	*
OUT-OF-WEDLOCK.	1,902	132.9	12	115.4	18	152.5	7	137.3	14	119.7	-	0.0	24	65.8	32	87.4
DEATHS (EXCLUDING FETALS), TOTAL.	6,709	8.5	58	10.7	73	10.9	18	7.5	79	11.6	18	9.5	203	8.7	101	7.5
SEX-MALE.	3,732	*	34	*	43	*	9	*	44	*	12	*	112	*	58	*
FEMALE.	2,977	*	24	*	30	*	9	*	35	*	6	*	91	*	43	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR). .	153	10.7	2	19.2	1	8.5	-	0.0	1	8.5	-	0.0	3	8.2	5	13.7
NEONATAL (UNDER 28 DAYS). . .	90	6.3	2	19.2	1	8.5	-	0.0	1	8.5	-	0.0	-	0.0	4	10.9
POSTNEONATAL (28 DAYS-1 YEAR)	63	4.4	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	3	8.2	1	2.7
FETAL DEATHS.	85	5.9	-	0.0	1	8.5	-	0.0	-	0.0	-	0.0	3	8.2	-	0.0
PERINATAL DEATHS.	175	12.2	2	19.2	2	16.8	-	0.0	1	8.5	-	0.0	3	8.2	4	10.9
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,279	287.4	25	463.0	20	298.5	5	208.3	33	485.3	7	368.4	81	346.2	29	214.8
CANCER (2).	1,343	169.4	11	203.7	19	283.6	8	333.3	16	235.3	3	157.9	40	170.9	26	192.6
ACCIDENTS (2)	553	69.7	6	111.1	6	89.6	-	0.0	1	14.7	1	52.6	16	68.4	13	96.3
STROKE.	549	69.2	4	74.1	7	104.5	1	41.7	4	58.8	1	52.6	16	68.4	5	37.0
CHR. OBST. PULMONARY DISEASES .	299	37.7	2	37.0	2	29.8	1	41.7	4	58.8	1	52.6	8	34.2	6	44.4
PNEUMONIA AND INFLUENZA (2) . .	181	22.8	1	18.5	1	14.9	1	41.7	2	29.4	-	0.0	6	25.6	2	14.8
ARTERIOSCLEROSIS.	156	19.7	-	0.0	2	29.8	1	41.7	2	29.4	-	0.0	2	8.5	1	7.4
SUICIDE	137	17.3	-	0.0	-	0.0	-	0.0	3	44.1	1	52.6	1	4.3	2	14.8
CHR. LIVER DIS. AND CIRRHOSIS .	109	13.7	-	0.0	2	29.8	-	0.0	-	0.0	1	52.6	2	8.5	-	0.0
DIABETES (2).	95	12.0	1	18.5	3	44.8	-	0.0	2	29.4	1	52.6	1	4.3	1	7.4
OCCURRENCE																
LIVE BIRTHS, TOTAL.	13,999	17.7	67	12.4	88	13.1	-	0.0	102	15.0	10	5.3	242	10.3	267	19.8
DEATHS (EXCLUDING FETALS), TOTAL.	6,707	8.5	59	10.9	50	7.5	11	4.6	77	11.3	13	6.8	168	7.2	94	7.0
INFANT (UNDER 1 YEAR)	133	9.5	2	29.8	-	0.0	-	0.0	1	9.8	-	0.0	2	8.3	2	7.5
ACCIDENTAL.	603	0.8	10	1.9	2	0.3	-	0.0	9	1.3	1	0.5	12	0.5	17	1.3
MOTOR VEHICLE	349	0.4	6	1.1	-	0.0	-	0.0	6	0.9	-	0.0	6	0.3	10	0.7
OTHER ACCIDENTAL.	254	0.3	4	0.7	2	0.3	-	0.0	3	0.4	1	0.5	6	0.3	7	0.5
MARRIAGES	8,209	10.4	59	10.9	72	10.7	18	7.5	91	13.4	11	5.8	203	8.7	148	11.0
MARITAL TERMINATIONS.	5,004	6.3	19	3.5	12	1.8	12	5.0	27	4.0	5	2.6	138	5.9	61	4.5

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 29

SELECTED VITAL STATISTICS FOR 1981

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		ROOSEVELT		ROSEBUD		SANDERS		SHERIDAN		SILVER BOW		STILLWATER		SWEET GRASS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION	793,000		10,700		10,600		8,600		5,600		36,900		5,500		3,400	
NATURAL INCREASE	7,600	9.6	159	14.9	217	20.5	63	7.3	51	9.1	51	1.4	10	1.8	13	3.8
LIVE BIRTHS, TOTAL	14,309	18.0	286	26.7	290	27.4	146	17.0	101	18.0	517	14.0	83	15.1	45	13.2
SEX-MALE	7,351	*	156	*	148	*	78	*	47	*	268	*	49	*	20	*
FEMALE	6,958	*	130	*	142	*	68	*	54	*	249	*	34	*	25	*
OUT-OF-WEDLOCK	1,902	132.9	88	307.7	70	241.4	11	75.3	9	89.1	87	168.3	7	84.3	1	22.2
DEATHS (EXCLUDING FETALS), TOTAL	6,709	8.5	127	11.9	73	6.9	83	9.7	50	8.9	466	12.6	73	13.3	32	9.4
SEX-MALE	3,732	*	81	*	46	*	53	*	26	*	257	*	35	*	19	*
FEMALE	2,977	*	46	*	27	*	30	*	24	*	209	*	38	*	13	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR)	153	10.7	2	7.0	3	10.3	3	20.5	3	29.7	12	23.2	1	12.0	-	0.0
NEONATAL (UNDER 28 DAYS)	90	6.3	1	3.5	1	3.4	1	6.8	-	0.0	10	19.3	1	12.0	-	0.0
POSTNEONATAL (28 DAYS-1 YEAR)	63	4.4	1	3.5	2	6.9	2	13.7	3	29.7	2	3.9	-	0.0	-	0.0
FETAL DEATHS	85	5.9	2	7.0	1	3.4	-	0.0	-	0.0	7	13.5	-	0.0	-	0.0
PERINATAL DEATHS	175	12.2	3	10.4	2	6.9	1	6.8	-	0.0	17	32.4	1	12.0	-	0.0
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,279	287.4	29	271.0	19	179.2	28	325.6	19	339.3	177	479.7	23	418.2	9	264.7
CANCER (2)	1,343	169.4	22	205.6	11	103.8	13	151.2	8	142.9	88	238.5	17	309.1	3	88.2
ACCIDENTS (2)	553	69.7	22	205.6	10	94.3	12	139.5	2	35.7	28	75.9	7	127.3	1	29.4
STROKE	549	69.2	8	74.8	7	66.0	8	93.0	5	89.3	36	97.6	8	145.5	7	205.9
CHR. OBST. PULMONARY DISEASES	299	37.7	2	18.7	2	18.9	2	23.3	1	17.9	26	70.5	2	36.4	2	58.8
PNEUMONIA AND INFLUENZA (2)	181	22.8	3	28.0	-	0.0	-	0.0	4	71.4	16	43.4	1	18.2	-	0.0
ARTERIOSCLEROSIS	156	19.7	1	9.3	1	9.4	2	23.3	1	17.9	11	29.8	-	0.0	-	0.0
SUICIDE	137	17.3	2	18.7	3	28.3	3	34.9	-	0.0	4	10.8	-	0.0	1	29.4
CHR. LIVER DIS. AND CIRRHOSIS	109	13.7	10	93.5	2	18.9	1	11.6	-	0.0	9	24.4	-	0.0	-	0.0
DIABETES (2)	95	12.0	2	18.7	1	9.4	-	0.0	-	0.0	5	13.6	2	36.4	-	0.0
OCCURRENCE																
LIVE BIRTHS, TOTAL	13,999	17.7	250	23.4	6	0.6	65	7.6	104	18.6	687	18.6	96	17.5	24	7.1
DEATHS (EXCLUDING FETALS), TOTAL	6,707	8.5	113	10.6	50	4.7	67	7.8	47	8.4	471	12.8	66	12.0	23	6.8
INFANT (UNDER 1 YEAR)	133	9.5	2	8.0	4	666.7	1	15.4	1	9.6	12	17.5	1	10.4	-	0.0
ACCIDENTAL	603	0.8	19	1.8	7	0.7	15	1.7	2	0.4	22	0.6	8	1.5	2	0.6
MOTOR VEHICLE	349	0.4	12	1.1	2	0.2	9	1.0	1	0.2	9	0.2	3	0.5	1	0.3
OTHER ACCIDENTAL	254	0.3	7	0.7	5	0.5	6	0.7	1	0.2	13	0.4	5	0.9	1	0.3
MARRIAGES	8,209	10.4	106	9.9	90	8.5	81	9.4	64	11.4	333	9.0	49	8.9	28	8.2
MARITAL TERMINATIONS	5,004	6.3	83	7.8	46	4.3	28	3.3	25	4.5	141	3.8	29	5.3	10	2.9

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 29

SELECTED VITAL STATISTICS FOR 1981

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		TETON		TOOLE		TREASURE		VALLEY		WHEATLAND		WIBAUX		YELLOWSTONE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION	793,000		6,600		5,400		1,000		9,800		2,000		1,600		109,400	
NATURAL INCREASE	7,600	9.6	58	8.8	64	11.9	6	6.0	93	9.5	4	2.0	13	8.1	1,129	10.3
LIVE BIRTHS, TOTAL	14,309	18.0	121	18.3	114	21.1	15	15.0	180	18.4	38	19.0	29	18.1	1,917	17.5
SEX-MALE	7,351	*	75	*	62	*	9	*	91	*	16	*	10	*	970	*
FEMALE	6,958	*	46	*	52	*	6	*	89	*	22	*	19	*	947	*
OUT-OF-WEDLOCK	1,902	132.9	7	57.9	10	87.7	-	0.0	31	172.2	-	0.0	2	69.0	244	127.3
DEATHS (EXCLUDING FETALS), TOTAL	6,709	8.5	63	9.5	50	9.3	9	9.0	87	8.9	34	17.0	16	10.0	788	7.2
SEX-MALE	3,732	*	39	*	26	*	6	*	50	*	16	*	8	*	439	*
FEMALE	2,977	*	24	*	24	*	3	*	37	*	18	*	8	*	349	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR)	153	10.7	1	8.3	-	0.0	-	0.0	1	5.6	-	0.0	-	0.0	21	11.0
NEONATAL (UNDER 28 DAYS)	90	6.3	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	15	7.8
POSTNEONATAL (28 DAYS-1 YEAR)	63	4.4	1	8.3	-	0.0	-	0.0	1	5.6	-	0.0	-	0.0	6	3.1
FETAL DEATHS	85	5.9	1	8.3	2	17.5	-	0.0	2	11.1	-	0.0	-	0.0	7	3.7
PERINATAL DEATHS	175	12.2	1	8.2	2	17.2	-	0.0	2	11.0	-	0.0	-	0.0	22	11.4
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,279	287.4	20	303.0	21	388.9	2	200.0	18	183.7	10	500.0	6	375.0	273	249.5
CANCER (2)	1,343	169.4	14	212.1	7	129.6	-	0.0	21	214.3	11	550.0	4	250.0	163	149.0
ACCIDENTS (2)	553	69.7	6	90.9	4	74.1	-	0.0	12	122.4	1	50.0	2	125.0	51	46.6
STROKE	549	69.2	4	60.6	1	18.5	1	100.0	3	30.6	4	200.0	-	0.0	68	62.2
CHR. OBST. PULMONARY DISEASES	299	37.7	2	30.3	-	0.0	2	200.0	4	40.8	1	50.0	1	62.5	42	38.4
PNEUMONIA AND INFLUENZA (2)	181	22.8	-	0.0	6	111.1	1	100.0	2	20.4	-	0.0	2	125.0	16	14.6
ARTERIOSCLEROSIS	156	19.7	4	60.6	-	0.0	1	100.0	4	40.8	-	0.0	-	0.0	12	11.0
SUICIDE	137	17.3	1	15.2	-	0.0	-	0.0	1	10.2	-	0.0	-	0.0	34	31.1
CHR. LIVER DIS. AND CIRRHOSIS	109	13.7	1	15.2	1	18.5	-	0.0	2	20.4	-	0.0	-	0.0	14	12.8
DIABETES (2)	95	12.0	3	45.5	1	18.5	1	100.0	-	0.0	1	50.0	-	0.0	10	9.1
OCCURRENCE																
LIVE BIRTHS, TOTAL	13,999	17.7	94	14.2	78	14.4	-	0.0	177	18.1	18	9.0	-	0.0	2,234	20.4
DEATHS (EXCLUDING FETALS), TOTAL	6,707	8.5	49	7.4	39	7.2	2	2.0	84	8.6	25	12.5	5	3.1	1,002	9.2
INFANT (UNDER 1 YEAR)	133	9.5	1	10.6	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	25	11.2
ACCIDENTAL	603	0.8	6	0.9	7	1.3	-	0.0	12	1.2	2	1.0	-	0.0	78	0.7
MOTOR VEHICLE	349	0.4	3	0.5	2	0.4	-	0.0	8	0.8	2	1.0	-	0.0	52	0.5
OTHER ACCIDENTAL	254	0.3	3	0.5	5	0.9	-	0.0	4	0.4	-	0.0	-	0.0	26	0.2
MARRIAGES	8,209	10.4	78	11.8	77	14.3	7	7.0	112	11.4	17	8.5	17	10.6	1,104	10.1
MARITAL TERMINATIONS	5,004	6.3	15	2.3	25	4.6	4	4.0	52	5.3	7	3.5	3	1.9	802	7.3

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 30

TOTAL REPORTED PREGNANCIES BY TYPE OF OUTCOME BY COUNTY OF RESIDENCE AND AGE WITH PERCENTAGE DISTRIBUTION: MONTANA, 1981

COUNTY OF RESIDENCE	TOTAL	AGE GROUP							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	N.S.
TOTAL										
LIVE BIRTHS										
NUMBER	14,309	14	1,736	5,032	4,770	2,231	437	76	12	1
PERCENT	100.0	0.1	12.1	35.2	33.3	15.6	3.1	0.5	0.1	0.0
FETAL DEATHS										
NUMBER	85	-	14	28	28	10	3	1	-	1
PERCENT	100.0	0.0	16.5	32.9	32.9	11.8	3.5	1.2	0.0	1.2
INDUCED ABORTIONS										
NUMBER	3,127	13	869	1,163	638	303	107	28	6	-
PERCENT	100.0	0.4	27.8	37.2	20.4	9.7	3.4	0.9	0.2	0.0
BEAVERHEAD										
LIVE BIRTHS										
NUMBER	137	-	14	46	53	17	5	1	1	-
PERCENT	100.0	0.0	10.2	33.6	38.7	12.4	3.6	0.7	0.7	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	26	-	5	12	4	2	1	2	-	-
PERCENT	100.0	0.0	19.2	46.2	15.4	7.7	3.8	7.7	0.0	0.0
BIG HORN										
LIVE BIRTHS										
NUMBER	293	1	78	118	66	27	3	-	-	-
PERCENT	100.0	0.3	26.6	40.3	22.5	9.2	1.0	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	2	-	2	-	-	-	-	-	-	-
PERCENT	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	32	-	7	13	9	1	1	1	-	-
PERCENT	100.0	0.0	21.9	40.6	28.1	3.1	3.1	3.1	0.0	0.0
BLAINE										
LIVE BIRTHS										
NUMBER	152	-	24	62	42	17	7	-	-	-
PERCENT	100.0	0.0	15.8	40.8	27.6	11.2	4.6	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	15	-	6	5	3	-	-	-	1	-
PERCENT	100.0	0.0	40.0	33.3	20.0	0.0	0.0	0.0	6.7	0.0
BROADWATER										
LIVE BIRTHS										
NUMBER	45	-	3	20	13	7	1	1	-	-
PERCENT	100.0	0.0	6.7	44.4	28.9	15.6	2.2	2.2	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	3	-	1	1	-	1	-	-	-	-
PERCENT	100.0	0.0	33.3	33.3	0.0	33.3	0.0	0.0	0.0	0.0

TABLE 30

TOTAL REPORTED PREGNANCIES BY TYPE OF OUTCOME BY COUNTY OF RESIDENCE AND AGE WITH PERCENTAGE DISTRIBUTION: MONTANA, 1981

COUNTY OF RESIDENCE	TOTAL	AGE GROUP								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	N.S.
CARBON										
LIVE BIRTHS										
NUMBER	117	-	8	40	40	27	2	-	-	-
PERCENT	100.0	0.0	6.8	34.2	34.2	23.1	1.7	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	23	-	7	8	4	1	3	-	-	-
PERCENT	100.0	0.0	30.4	34.8	17.4	4.3	13.0	0.0	0.0	0.0
CARTER										
LIVE BIRTHS										
NUMBER	28	-	5	5	16	1	1	-	-	-
PERCENT	100.0	0.0	17.9	17.9	57.1	3.6	3.6	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CASCADE										
LIVE BIRTHS										
NUMBER	1,513	2	216	590	439	214	46	5	1	-
PERCENT	100.0	0.1	14.3	39.0	29.0	14.1	3.0	0.3	0.1	0.0
FETAL DEATHS										
NUMBER	12	-	1	4	5	2	-	-	-	-
PERCENT	100.0	0.0	8.3	33.3	41.7	16.7	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	304	1	104	116	45	23	9	4	2	-
PERCENT	100.0	0.3	34.2	38.2	14.8	7.6	3.0	1.3	0.7	0.0
CHOUTEAU										
LIVE BIRTHS										
NUMBER	122	-	14	45	30	24	8	1	-	-
PERCENT	100.0	0.0	11.5	36.9	24.6	19.7	6.6	0.8	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	6	-	1	-	3	1	1	-	-	-
PERCENT	100.0	0.0	16.7	0.0	50.0	16.7	16.7	0.0	0.0	0.0
CUSTER										
LIVE BIRTHS										
NUMBER	208	-	19	66	76	37	7	3	-	-
PERCENT	100.0	0.0	9.1	31.7	36.5	17.8	3.4	1.4	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	37	-	15	16	5	1	-	-	-	-
PERCENT	100.0	0.0	40.5	43.2	13.5	2.7	0.0	0.0	0.0	0.0

TABLE 30

TOTAL REPORTED PREGNANCIES BY TYPE OF OUTCOME BY COUNTY OF RESIDENCE AND AGE WITH PERCENTAGE DISTRIBUTION: MONTANA, 1981

COUNTY OF RESIDENCE	TOTAL	AGE GROUP							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	N.S.
DANIELS										
LIVE BIRTHS										
NUMBER	43	-	4	13	14	8	4	-	-	-
PERCENT	100.0	0.0	9.3	30.2	32.6	18.6	9.3	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	3	-	-	-	2	-	-	1	-	-
PERCENT	100.0	0.0	0.0	0.0	66.7	0.0	0.0	33.3	0.0	0.0
DAWSON										
LIVE BIRTHS										
NUMBER	256	-	34	103	98	16	5	-	-	-
PERCENT	100.0	0.0	13.3	40.2	38.3	6.3	2.0	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	1	-	-	-	-	1	-	-	-	-
PERCENT	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	37	-	9	18	8	2	-	-	-	-
PERCENT	100.0	0.0	24.3	48.6	21.6	5.4	0.0	0.0	0.0	0.0
DEER LODGE										
LIVE BIRTHS										
NUMBER	119	-	22	44	33	17	3	-	-	-
PERCENT	100.0	0.0	18.5	37.0	27.7	14.3	2.5	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	2	-	2	-	-	-	-	-	-	-
PERCENT	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	11	-	5	5	-	1	-	-	-	-
PERCENT	100.0	0.0	45.5	45.5	0.0	9.1	0.0	0.0	0.0	0.0
FALLON										
LIVE BIRTHS										
NUMBER	80	-	11	33	25	11	-	-	-	-
PERCENT	100.0	0.0	13.8	41.3	31.3	13.8	0.0	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	2	-	2	-	-	-	-	-	-	-
PERCENT	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FERGUS										
LIVE BIRTHS										
NUMBER	232	-	30	70	88	38	6	-	-	-
PERCENT	100.0	0.0	12.9	30.2	37.9	16.4	2.6	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	2	-	-	1	-	-	1	-	-	-
PERCENT	100.0	0.0	0.0	50.0	0.0	0.0	50.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	38	-	9	11	5	4	6	3	-	-
PERCENT	100.0	0.0	23.7	28.9	13.2	10.5	15.8	7.9	0.0	0.0

TABLE 30

TOTAL REPORTED PREGNANCIES BY TYPE OF OUTCOME BY COUNTY OF RESIDENCE AND AGE WITH PERCENTAGE DISTRIBUTION: MONTANA, 1981

COUNTY OF RESIDENCE	TOTAL	AGE GROUP								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	N.S.
FLATHEAD										
LIVE BIRTHS										
NUMBER	913	1	85	309	340	147	22	8	1	-
PERCENT	100.0	0.1	9.3	33.8	37.2	16.1	2.4	0.9	0.1	0.0
FETAL DEATHS										
NUMBER	6	-	1	3	2	-	-	-	-	-
PERCENT	100.0	0.0	16.7	50.0	33.3	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	275	-	75	78	68	44	9	1	-	-
PERCENT	100.0	0.0	27.3	28.4	24.7	16.0	3.3	0.4	0.0	0.0
GALLATIN										
LIVE BIRTHS										
NUMBER	688	-	48	235	266	119	18	1	1	-
PERCENT	100.0	0.0	7.0	34.2	38.7	17.3	2.6	0.1	0.1	0.0
FETAL DEATHS										
NUMBER	8	-	1	2	5	-	-	-	-	-
PERCENT	100.0	0.0	12.5	25.0	62.5	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	274	1	66	115	65	23	3	1	-	-
PERCENT	100.0	0.4	24.1	42.0	23.7	8.4	1.1	0.4	0.0	0.0
GARFIELD										
LIVE BIRTHS										
NUMBER	34	-	4	14	10	2	3	1	-	-
PERCENT	100.0	0.0	11.8	41.2	29.4	5.9	8.8	2.9	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	2	-	-	-	-	1	1	-	-	-
PERCENT	100.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0
GLACIER										
LIVE BIRTHS										
NUMBER	271	-	65	104	70	22	8	2	-	-
PERCENT	100.0	0.0	24.0	38.4	25.8	8.1	3.0	0.7	0.0	0.0
FETAL DEATHS										
NUMBER	5	-	-	2	3	-	-	-	-	-
PERCENT	100.0	0.0	0.0	40.0	60.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	54	-	17	22	11	3	1	-	-	-
PERCENT	100.0	0.0	31.5	40.7	20.4	5.6	1.9	0.0	0.0	0.0
GOLDEN VALLEY										
LIVE BIRTHS										
NUMBER	17	-	1	4	4	6	1	1	-	-
PERCENT	100.0	0.0	5.9	23.5	23.5	35.3	5.9	5.9	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	4	-	-	3	-	1	-	-	-	-
PERCENT	100.0	0.0	0.0	75.0	0.0	25.0	0.0	0.0	0.0	0.0

TABLE 30

TOTAL REPORTED PREGNANCIES BY TYPE OF OUTCOME BY COUNTY OF RESIDENCE AND AGE WITH PERCENTAGE DISTRIBUTION: MONTANA, 1981

COUNTY OF RESIDENCE	TOTAL	AGE GROUP								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	N.S.
GRANITE										
LIVE BIRTHS										
NUMBER	54	-	9	20	16	9	-	-	-	-
PERCENT	100.0	0.0	16.7	37.0	29.6	16.7	0.0	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	1	-	-	-	1	-	-	-	-	-
PERCENT	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	9	-	3	3	2	-	1	-	-	-
PERCENT	100.0	0.0	33.3	33.3	22.2	0.0	11.1	0.0	0.0	0.0
HILL										
LIVE BIRTHS										
NUMBER	352	-	38	140	118	42	13	1	-	-
PERCENT	100.0	0.0	10.8	39.8	33.5	11.9	3.7	0.3	0.0	0.0
FETAL DEATHS										
NUMBER	4	-	-	2	-	1	-	1	-	-
PERCENT	100.0	0.0	0.0	50.0	0.0	25.0	0.0	25.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	46	1	22	14	6	2	1	-	-	-
PERCENT	100.0	2.2	47.8	30.4	13.0	4.3	2.2	0.0	0.0	0.0
JEFFERSON										
LIVE BIRTHS										
NUMBER	131	1	10	42	50	23	5	-	-	-
PERCENT	100.0	0.8	7.6	32.1	38.2	17.6	3.8	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	11	-	3	4	4	-	-	-	-	-
PERCENT	100.0	0.0	27.3	36.4	36.4	0.0	0.0	0.0	0.0	0.0
JUDITH BASIN										
LIVE BIRTHS										
NUMBER	26	-	-	11	10	4	-	1	-	-
PERCENT	100.0	0.0	0.0	42.3	38.5	15.4	0.0	3.8	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	6	-	1	2	1	2	-	-	-	-
PERCENT	100.0	0.0	16.7	33.3	16.7	33.3	0.0	0.0	0.0	0.0
LAKE										
LIVE BIRTHS										
NUMBER	363	-	41	130	116	64	11	1	-	-
PERCENT	100.0	0.0	11.3	35.8	32.0	17.6	3.0	0.3	0.0	0.0
FETAL DEATHS										
NUMBER	1	-	-	1	-	-	-	-	-	-
PERCENT	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	72	-	20	26	10	14	1	1	-	-
PERCENT	100.0	0.0	27.8	36.1	13.9	19.4	1.4	1.4	0.0	0.0

TABLE 30

TOTAL REPORTED PREGNANCIES BY TYPE OF OUTCOME BY COUNTY OF RESIDENCE AND AGE WITH PERCENTAGE DISTRIBUTION: MONTANA, 1981

COUNTY OF RESIDENCE	TOTAL	AGE GROUP								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	N.S.
LEWIS & CLARK										
LIVE BIRTHS										
NUMBER	779	2	96	244	262	139	34	2	-	-
PERCENT	100.0	0.3	12.3	31.3	33.6	17.8	4.4	0.3	0.0	0.0
FETAL DEATHS										
NUMBER	3	-	-	1	1	-	-	-	-	1
PERCENT	100.0	0.0	0.0	33.3	33.3	0.0	0.0	0.0	0.0	33.3
INDUCED ABORTIONS										
NUMBER	202	2	59	78	31	22	8	1	1	-
PERCENT	100.0	1.0	29.2	38.6	15.3	10.9	4.0	0.5	0.5	0.0
LIBERTY										
LIVE BIRTHS										
NUMBER	53	1	2	22	13	14	1	-	-	-
PERCENT	100.0	1.9	3.8	41.5	24.5	26.4	1.9	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	3	-	1	2	-	-	-	-	-	-
PERCENT	100.0	0.0	33.3	66.7	0.0	0.0	0.0	0.0	0.0	0.0
LINCOLN										
LIVE BIRTHS										
NUMBER	312	-	43	111	85	56	14	3	-	-
PERCENT	100.0	0.0	13.8	35.6	27.2	17.9	4.5	1.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	55	1	20	17	7	7	3	-	-	-
PERCENT	100.0	1.8	36.4	30.9	12.7	12.7	5.5	0.0	0.0	0.0
MCCONE										
LIVE BIRTHS										
NUMBER	63	-	4	24	21	11	2	1	-	-
PERCENT	100.0	0.0	6.3	38.1	33.3	17.5	3.2	1.6	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MADISON										
LIVE BIRTHS										
NUMBER	101	-	10	31	38	18	4	-	-	-
PERCENT	100.0	0.0	9.9	30.7	37.6	17.8	4.0	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	22	-	4	7	9	-	2	-	-	-
PERCENT	100.0	0.0	18.2	31.8	40.9	0.0	9.1	0.0	0.0	0.0

TABLE 30

TOTAL REPORTED PREGNANCIES BY TYPE OF OUTCOME BY COUNTY OF RESIDENCE AND AGE WITH PERCENTAGE DISTRIBUTION: MONTANA, 1981

COUNTY OF RESIDENCE	TOTAL	AGE GROUP								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	N.S.
MEAGHER										
LIVE BIRTHS										
NUMBER	40	-	5	11	7	13	3	1	-	-
PERCENT	100.0	0.0	12.5	27.5	17.5	32.5	7.5	2.5	0.0	0.0
FETAL DEATHS										
NUMBER	2	-	2	-	-	-	-	-	-	-
PERCENT	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	8	-	2	5	1	-	-	-	-	-
PERCENT	100.0	0.0	25.0	62.5	12.5	0.0	0.0	0.0	0.0	0.0
MINERAL										
LIVE BIRTHS										
NUMBER	72	-	8	29	19	11	5	-	-	-
PERCENT	100.0	0.0	11.1	40.3	26.4	15.3	6.9	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	10	-	6	1	3	-	-	-	-	-
PERCENT	100.0	0.0	60.0	10.0	30.0	0.0	0.0	0.0	0.0	0.0
MISSOULA										
LIVE BIRTHS										
NUMBER	1,358	-	132	444	464	260	46	8	4	-
PERCENT	100.0	0.0	9.7	32.7	34.2	19.1	3.4	0.6	0.3	0.0
FETAL DEATHS										
NUMBER	7	-	-	1	4	1	1	-	-	-
PERCENT	100.0	0.0	0.0	14.3	57.1	14.3	14.3	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	540	-	116	233	107	54	27	2	1	-
PERCENT	100.0	0.0	21.5	43.1	19.8	10.0	5.0	0.4	0.2	0.0
MUSSELSHELL										
LIVE BIRTHS										
NUMBER	82	-	10	25	26	19	1	1	-	-
PERCENT	100.0	0.0	12.2	30.5	31.7	23.2	1.2	1.2	0.0	0.0
FETAL DEATHS										
NUMBER	1	-	1	-	-	-	-	-	-	-
PERCENT	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	7	-	3	3	-	-	1	-	-	-
PERCENT	100.0	0.0	42.9	42.9	0.0	0.0	14.3	0.0	0.0	0.0
PARK										
LIVE BIRTHS										
NUMBER	219	-	28	79	81	28	3	-	-	-
PERCENT	100.0	0.0	12.8	36.1	37.0	12.8	1.4	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	2	-	-	1	1	-	-	-	-	-
PERCENT	100.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	38	-	9	16	12	1	-	-	-	-
PERCENT	100.0	0.0	23.7	42.1	31.6	2.6	0.0	0.0	0.0	0.0

TABLE 30

TOTAL REPORTED PREGNANCIES BY TYPE OF OUTCOME BY COUNTY OF RESIDENCE AND AGE WITH PERCENTAGE DISTRIBUTION: MONTANA, 1981

COUNTY OF RESIDENCE	TOTAL	AGE GROUP								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	N.S.
PETROLEUM										
LIVE BIRTHS										
NUMBER	11	-	2	1	4	3	1	-	-	-
PERCENT	100.0	0.0	18.2	9.1	36.4	27.3	9.1	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHILLIPS										
LIVE BIRTHS										
NUMBER	104	-	12	41	34	11	5	1	-	-
PERCENT	100.0	0.0	11.5	39.4	32.7	10.6	4.8	1.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	8	-	2	2	2	2	-	-	-	-
PERCENT	100.0	0.0	25.0	25.0	25.0	25.0	0.0	0.0	0.0	0.0
PONDERA										
LIVE BIRTHS										
NUMBER	118	-	11	52	41	11	3	-	-	-
PERCENT	100.0	0.0	9.3	44.1	34.7	9.3	2.5	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	1	-	-	1	-	-	-	-	-	-
PERCENT	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	15	1	6	5	2	1	-	-	-	-
PERCENT	100.0	6.7	40.0	33.3	13.3	6.7	0.0	0.0	0.0	0.0
POWDER RIVER										
LIVE BIRTHS										
NUMBER	51	-	5	19	20	5	2	-	-	-
PERCENT	100.0	0.0	9.8	37.3	39.2	9.8	3.9	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
POWELL										
LIVE BIRTHS										
NUMBER	117	-	17	38	44	15	2	-	1	-
PERCENT	100.0	0.0	14.5	32.5	37.6	12.8	1.7	0.0	0.9	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	12	-	7	2	2	1	-	-	-	-
PERCENT	100.0	0.0	58.3	16.7	16.7	8.3	0.0	0.0	0.0	0.0

TABLE 30

TOTAL REPORTED PREGNANCIES BY TYPE OF OUTCOME BY COUNTY OF RESIDENCE AND AGE WITH PERCENTAGE DISTRIBUTION: MONTANA, 1981

COUNTY OF RESIDENCE	TOTAL	AGE GROUP								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	N.S.
PRAIRIE										
LIVE BIRTHS										
NUMBER	22	-	3	7	7	4	1	-	-	-
PERCENT	100.0	0.0	13.6	31.8	31.8	18.2	4.5	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	3	-	-	1	-	1	1	-	-	-
PERCENT	100.0	0.0	0.0	33.3	0.0	33.3	33.3	0.0	0.0	0.0
RAVALLI										
LIVE BIRTHS										
NUMBER	365	1	36	98	126	79	12	11	2	-
PERCENT	100.0	0.3	9.9	26.8	34.5	21.6	3.3	3.0	0.5	0.0
FETAL DEATHS										
NUMBER	3	-	1	-	-	2	-	-	-	-
PERCENT	100.0	0.0	33.3	0.0	0.0	66.7	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	54	2	13	14	16	8	-	1	-	-
PERCENT	100.0	3.7	24.1	25.9	29.6	14.8	0.0	1.9	0.0	0.0
RICHLAND										
LIVE BIRTHS										
NUMBER	366	-	52	158	108	37	10	1	-	-
PERCENT	100.0	0.0	14.2	43.2	29.5	10.1	2.7	0.3	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	48	1	17	15	12	1	2	-	-	-
PERCENT	100.0	2.1	35.4	31.3	25.0	2.1	4.2	0.0	0.0	0.0
ROOSEVELT										
LIVE BIRTHS										
NUMBER	286	1	58	93	85	45	3	1	-	-
PERCENT	100.0	0.3	20.3	32.5	29.7	15.7	1.0	0.3	0.0	0.0
FETAL DEATHS										
NUMBER	2	-	-	1	1	-	-	-	-	-
PERCENT	100.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	41	1	10	13	14	1	2	-	-	-
PERCENT	100.0	2.4	24.4	31.7	34.1	2.4	4.9	0.0	0.0	0.0
ROSEBUD										
LIVE BIRTHS										
NUMBER	290	-	42	108	103	28	7	1	-	1
PERCENT	100.0	0.0	14.5	37.2	35.5	9.7	2.4	0.3	0.0	0.3
FETAL DEATHS										
NUMBER	1	-	-	-	-	1	-	-	-	-
PERCENT	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	33	-	9	10	11	1	2	-	-	-
PERCENT	100.0	0.0	27.3	30.3	33.3	3.0	6.1	0.0	0.0	0.0

TABLE 30

TOTAL REPORTED PREGNANCIES BY TYPE OF OUTCOME BY COUNTY OF RESIDENCE AND AGE WITH PERCENTAGE DISTRIBUTION: MONTANA, 1981

COUNTY OF RESIDENCE	TOTAL	AGE GROUP							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	N.S.
SANDERS										
LIVE BIRTHS										
NUMBER	146	-	15	54	48	22	7	-	-	-
PERCENT	100.0	0.0	10.3	37.0	32.9	15.1	4.8	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	16	-	4	7	3	1	1	-	-	-
PERCENT	100.0	0.0	25.0	43.8	18.8	6.3	6.3	0.0	0.0	0.0
SHERIDAN										
LIVE BIRTHS										
NUMBER	101	-	18	34	35	8	4	2	-	-
PERCENT	100.0	0.0	17.8	33.7	34.7	7.9	4.0	2.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	8	-	3	2	2	1	-	-	-	-
PERCENT	100.0	0.0	37.5	25.0	25.0	12.5	0.0	0.0	0.0	0.0
SILVER BOW										
LIVE BIRTHS										
NUMBER	517	1	90	179	168	63	12	4	-	-
PERCENT	100.0	0.2	17.4	34.6	32.5	12.2	2.3	0.8	0.0	0.0
FETAL DEATHS										
NUMBER	7	-	2	1	1	2	1	-	-	-
PERCENT	100.0	0.0	28.6	14.3	14.3	28.6	14.3	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	89	1	22	32	19	7	5	3	-	-
PERCENT	100.0	1.1	24.7	36.0	21.3	7.9	5.6	3.4	0.0	0.0
STILLWATER										
LIVE BIRTHS										
NUMBER	83	-	6	28	34	13	1	1	-	-
PERCENT	100.0	0.0	7.2	33.7	41.0	15.7	1.2	1.2	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	14	-	2	3	6	2	1	-	-	-
PERCENT	100.0	0.0	14.3	21.4	42.9	14.3	7.1	0.0	0.0	0.0
SWEET GRASS										
LIVE BIRTHS										
NUMBER	45	-	2	13	23	7	-	-	-	-
PERCENT	100.0	0.0	4.4	28.9	51.1	15.6	0.0	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	10	-	5	3	-	2	-	-	-	-
PERCENT	100.0	0.0	50.0	30.0	0.0	20.0	0.0	0.0	0.0	0.0

TABLE 30

TOTAL REPORTED PREGNANCIES BY TYPE OF OUTCOME BY COUNTY OF RESIDENCE AND AGE WITH PERCENTAGE DISTRIBUTION: MONTANA, 1981

COUNTY OF RESIDENCE	TOTAL	AGE GROUP							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	N.S.
TETON										
LIVE BIRTHS										
NUMBER	121	-	6	36	40	33	6	-	-	-
PERCENT	100.0	0.0	5.0	29.8	33.1	27.3	5.0	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	1	-	-	1	-	-	-	-	-	-
PERCENT	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	16	-	4	6	2	3	1	-	-	-
PERCENT	100.0	0.0	25.0	37.5	12.5	18.8	6.3	0.0	0.0	0.0
TOOLE										
LIVE BIRTHS										
NUMBER	114	-	15	36	44	14	4	1	-	-
PERCENT	100.0	0.0	13.2	31.6	38.6	12.3	3.5	0.9	0.0	0.0
FETAL DEATHS										
NUMBER	2	-	-	2	-	-	-	-	-	-
PERCENT	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	18	-	8	5	5	-	-	-	-	-
PERCENT	100.0	0.0	44.4	27.8	27.8	0.0	0.0	0.0	0.0	0.0
TREASURE										
LIVE BIRTHS										
NUMBER	15	-	2	3	7	3	-	-	-	-
PERCENT	100.0	0.0	13.3	20.0	46.7	20.0	0.0	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	2	-	-	1	-	-	-	1	-	-
PERCENT	100.0	0.0	0.0	50.0	0.0	0.0	0.0	50.0	0.0	0.0
VALLEY										
LIVE BIRTHS										
NUMBER	180	-	25	52	69	31	2	1	-	-
PERCENT	100.0	0.0	13.9	28.9	38.3	17.2	1.1	0.6	0.0	0.0
FETAL DEATHS										
NUMBER	2	-	1	-	1	-	-	-	-	-
PERCENT	100.0	0.0	50.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	42	-	14	14	6	5	2	1	-	-
PERCENT	100.0	0.0	33.3	33.3	14.3	11.9	4.8	2.4	0.0	0.0
WHEATLAND										
LIVE BIRTHS										
NUMBER	38	-	1	15	15	4	3	-	-	-
PERCENT	100.0	0.0	2.6	39.5	39.5	10.5	7.9	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	10	-	5	2	3	-	-	-	-	-
PERCENT	100.0	0.0	50.0	20.0	30.0	0.0	0.0	0.0	0.0	0.0

TABLE 30

TOTAL REPORTED PREGNANCIES BY TYPE OF OUTCOME BY COUNTY OF RESIDENCE AND AGE WITH PERCENTAGE DISTRIBUTION: MONTANA, 1981

COUNTY OF RESIDENCE	TOTAL	AGE GROUP								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	N.S.
WIBAUX										
LIVE BIRTHS										
NUMBER	29	-	3	14	6	4	1	1	-	-
PERCENT	100.0	0.0	10.3	48.3	20.7	13.8	3.4	3.4	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
YELLOWSTONE										
LIVE BIRTHS										
NUMBER	1,917	3	194	669	660	323	59	8	1	-
PERCENT	100.0	0.2	10.1	34.9	34.4	16.8	3.1	0.4	0.1	0.0
FETAL DEATHS										
NUMBER	7	-	-	4	3	-	-	-	-	-
PERCENT	100.0	0.0	0.0	57.1	42.9	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	513	1	140	192	108	55	11	5	1	-
PERCENT	100.0	0.2	27.3	37.4	21.1	10.7	2.1	1.0	0.2	0.0
YELLOWSTONE PRK										
LIVE BIRTHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FETAL DEATHS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS										
NUMBER	-	-	-	-	-	-	-	-	-	-
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MORBIDITY

TUBERCULOSIS

RUBELLA

MEASLES

WHOOPING COUGH

RHEUMATIC FEVER

POLIOMYELITIS

OTHERS

TABLE 31
REPORTED CASES OF REPORTABLE DISEASES
MONTANA COUNTIES, 1981
(By Place of Residence)

COUNTY	ASPETIC MENINGITIS	BRUCELLOSIS	DIPHTHERIA	GONORRHEA	HEPATITIS, INFECTIOUS AND SERUM	MEASLES (RUBEOLA)	RUBELLA (GERMAN MEASLES)	MENINGOCOCCAL INFECTIONS	PERTUSSIS (WHOOPING COUGH)	POLIOMYELITIS	ROCKY MOUNTAIN SPOTTED FEVER	SALMONELLOSIS		SHIGELLOSIS	SYPHILIS	TETANUS	TRICHINOSIS	TUBERCULOSIS	TULAREMIA
												TYPHOID FEVER	OTHER						
MONTANA, TOTAL	20	-	1	1,484	132	-	3	11	12	-	12	4	124	35	24	-	-	36	6
BEAVERHEAD	-	-	-	3	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
BIG HORN	-	-	1	45	14	-	-		-	-	2	-	5	8	-	-	-	-	4
BLAINE	-	-	-	24	-	-	-	-	-	-	-	-	2	-	-	-	-	2	-
BROADWATER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
CARBON	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
CARTER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CASCADE	3	-	-	192	15	-	-	1	-	-	-	-	9	1	15	-	-	1	-
CHOUTEAU	1	-	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
CUSTER	-	-	-	35	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-
DANIELS	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAWSON	-	-	-	6	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-
DEER LODGE	-	-	-	19	-	-	-	-	-	-	1	-	4	-	1	-	-	1	-
FALLON	-	-	-	1	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-
FERGUS	-	-	-	7	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
FLATHEAD	1	-	-	76	3	-	-	2	-	-	-	-	-	1	1	-	-	1	-
GALLATIN	-	-	-	69	1	-	1	1	1	-	-	-	8	1	-	-	-	-	-
GARFIELD	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
GLACIER	-	-	-	64	6	-	-	-	-	-	-	-	-	2	-	-	-	7	-
GOLDEN VALLEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRANITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
HILL	5	-	-	34	-	-	1	1	5	-	-	-	6	-	-	-	-	3	-
JEFFERSON	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-
JUDITH BASIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE	-	-	-	34	1	-	-	-	-	-	1	-	10	-	-	-	-	1	-
LEWIS & CLARK	2	-	-	91	28	-	-	-	-	-	-	1	4	-	-	-	-	2	-
LIBERTY	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LINCOLN	-	-	-	7	2	-	-	-	-	-	-	-	1	-	-	-	-	-	1
McCONE	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MADISON	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
MEAGHER	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 31
REPORTED CASES OF REPORTABLE DISEASES
MONTANA COUNTIES, 1981
(By Place of Residence)

COUNTY	ASPETIC MENINGITIS	BRUCELLOSIS	DIPHTHERIA	GONORRHEA	HEPATITIS, INFECTIOUS AND SERUM	MEASLES (RUBEOLA)	RUBELLA (GERMAN MEASLES)	MENINGOCOCCAL INFECTIONS	PERTUSSIS (WHOOPING COUGH)	POLIOMYELITIS	ROCKY MOUNTAIN SPOTTED FEVER	SALMONELLOSIS		SHIGELLOSIS	SYPHILIS	TETANUS	TRICHINOSIS	TUBERCULOSIS	TULAREMIA
												TYPHOID FEVER	OTHER						
MINERAL	-	-	-	5	-	-	-	-	-	-	-	3	-	2	-	-	-	-	-
MISSOULA	-	-	-	185	5	-	1	-	-	-	4	-	26	9	1	-	-	2	-
MUSSELSHELL	-	-	-	3	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
PARK	2	-	-	5	-	-	-	-	1	-	1	-	1	1	-	-	-	-	-
PETROLEUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHILLIPS	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PONDERA	1	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POWDER RIVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POWELL	-	-	-	3	3	-	-	-	-	-	-	-	2	-	-	-	-	1	-
PRAIRIE	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAVALLI	-	-	-	9	4	-	-	1	-	-	1	-	-	-	-	-	-	1	-
RICHLAND	-	-	-	11	1	-	-	-	-	-	-	-	2	1	-	-	-	-	-
ROOSEVELT	-	-	-	47	-	-	-	-	-	-	-	-	1	-	1	-	-	7	-
ROSEBUD	1	-	-	64	7	-	-	-	-	-	-	-	6	-	-	-	-	1	-
SANDERS	-	-	-	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHERIDAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILVER BOW	-	-	-	40	5	-	-	1	5	-	-	-	6	-	1	-	-	1	-
STILLWATER	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWEET GRASS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TETON	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOOLE	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TREASURE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VALLEY	-	-	-	22	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
WHEATLAND	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
WIBAUX	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-
YELLOWSTONE	4	-	-	345	30	-	-	1	-	-	-	-	18	3	2	-	-	1	1

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